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Volume 131 JUNE 21, 1937 Number 25

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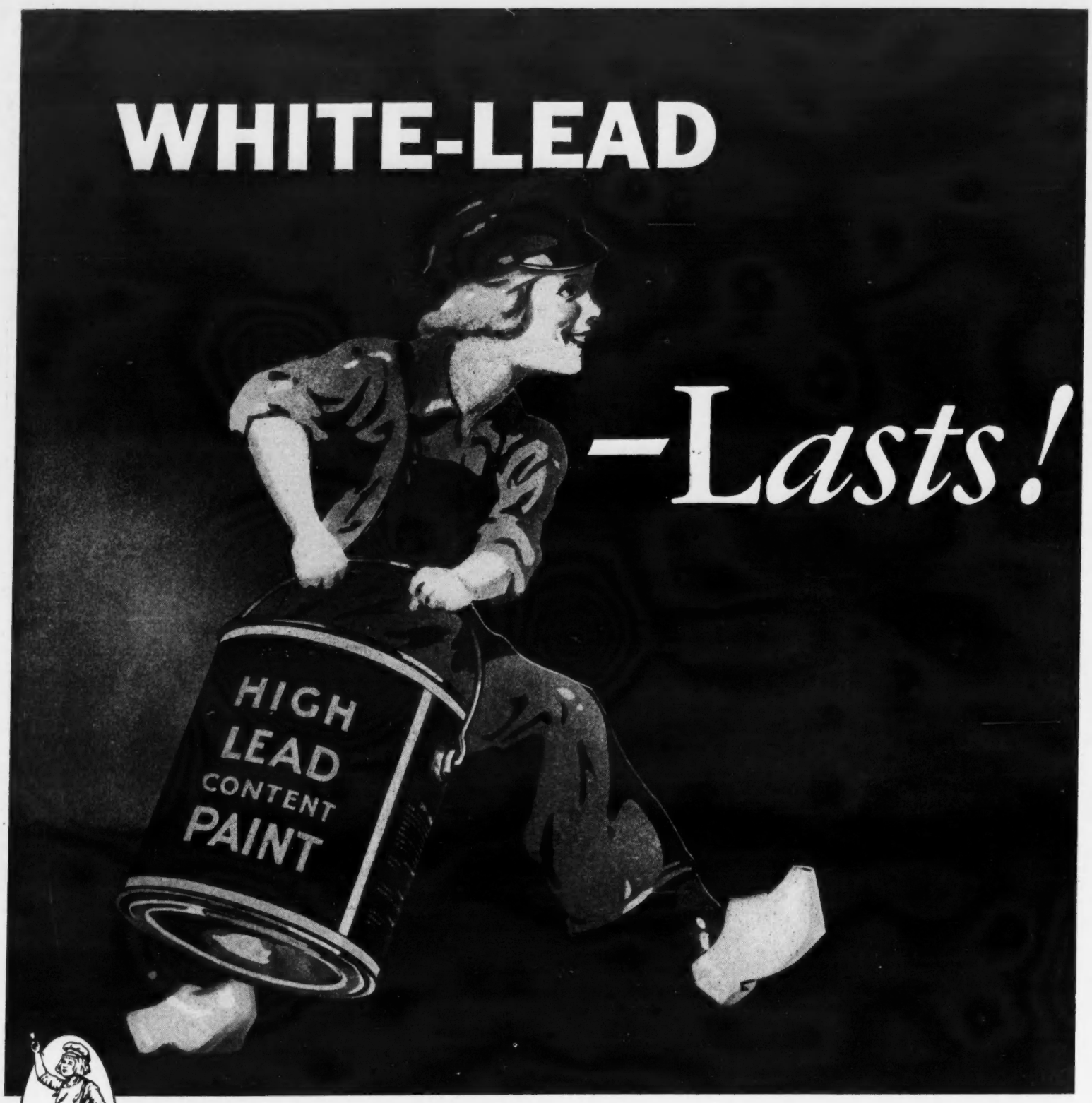

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Oil, Paint and Drug Reporter

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Volume 131 JUNE 21, 1937 Number 25

RECEIVED JUN 21 1937 LIBRARY THE CHEMICAL BLDG

Electroplaters Elect A.B. Wilson President

Meeting Discusses Standards for Non-Ferrous Metal Type Of Plating

Discussion of the progress of laboratory tests of plating on non-ferrous metals in 1936, looking toward the development of standard specifications, together with the reading of technical papers on all phases of electroplating, and the election of new officers constituted the major interests of the twenty-fifth annual meeting of the American Electroplaters' Society, in session in the Hotel Pennsylvania, this city, June 14 to 17. There were 567 members in attendance.

The following officers were elected:—President, A. B. Wilson, of the Chevrolet Motor Company, Flint, Mich.; first vice-president, Franklyn J. MacStocker, of the Metal Art Company, this city; second vice-president, Roy Goodsell, of the Racine Plating Company, Racine, Wis.; third vice-president, Austin Fletcher, of the Ternsted Manufacturing Company, Binghamton, N. Y. W. J. R. Kennedy, executive secretary, was re-elected.

Dr. William Blum, of the United States Bureau of Standards, in reporting on the exposure tests of plated coating on copper, brass, zinc, and die-casting, stated that these tests and a few new sets on steel and iron were started in the spring of 1936. He stated that the report was confined to plating on non-ferrous metals on which most of the coatings are thinner than those on the steel, in accordance with commercial practice. The effort is being made to have the Federal specifications consistent with the quality of commercial articles that are required to meet similar service, the report stated. In this connection it was further stated that the requirement of the specifications adopted by the American Electroplaters' Society and the American Society for Testing Materials, especially for zinc and cadmium coatings, have been incorporated in several Federal specifications.

The report, read by Dr. Blum, concluded that certain of the results were, however, so consistent that they warrant the following, purely tentative conclusions:—(1) Chromium coatings with no undercoat of nickel furnish very little protection; (2) Of all base metals, the protective value increases with the thickness of nickel; (3) Relatively thin nickel coatings furnish more protection on brass than on zinc or steel (this is consistent with the customary practice of using less nickel on brass than on zinc or steel); (4) About the same protective action is furnished by a given thickness on zinc and on steel.

In connection with the magnetic method for measuring the thickness of nickel coatings on non-ferrous metals, A. Brenner, of the United States Bureau of Standards, reported that the measurement of the thickness of plated coatings has become increasingly important because many purchasers of plated products have adopted specifications which require either a certain average or a minimum thickness of deposit. The

(Continued on page 29)

A.C.S. National Charter Is Proposed in Congress

WASHINGTON, June 15, 1937.

A bill to incorporate the American Chemical Society as a national corporation was introduced in the senate today by Senator Walter F. George of Georgia. The bill was introduced at the request of the society, now a New York corporation, and would not change its present organization or method of operation but would simply give it the added prestige and facility of operation in the various States enjoyed by other nationally chartered nonprofit organizations, such as the National Research Council.

Wage and Hours Bill Likely To Be Long Time in Process

WASHINGTON, June 17, 1937.

Arguments for and against the Black-Connery bill to control wages and working hours were continued this week by witnesses appearing before the joint hearings by the senate and house labor committees, although interrupted by the sudden death of Representative William P. Connery, jr., of Massachusetts, co-author of the bill and chairman of the house committee.

So far the committee has taken no action to fill the various blanks in the bill which will fix the minimum wages and maximum hours to be used in all industries producing goods for interstate commerce, nor has it attempted to resolve any of the other controversial sections of the bill.

A number of witnesses for business groups, including George H. Davis, president of the Chamber of Commerce of the United States, testified this week that the bill delegates excessive powers to the proposed labor standards board and might work great hardship on many types of industry.

Sidney Hillman, president of the Amalgamated Clothing Workers of America, endorsed the bill practically without reservations in spite of the fact that some other labor leaders have criticized the power of the board to fix wages higher than the flat minimum to be stipulated in the bill. Mr. Hillman did oppose giving the board power to investigate collective bargaining contracts with the purpose of ascertaining whether or not the hours and wages established by contract are in line with those set by the board for other industries.

The two committees evidently face a difficult task in revising the bill, and it is likely that much time will be consumed in the process, and that whatever legislation is enacted will be quite different from the present draft.

'Hot' Oil Extension Bill Is Signed by President

WASHINGTON, June 14, 1937.

The President today signed the Connally bill extending the so-called "Hot" Oil Law to June 30, 1939, as originally approved February 22, 1935, thereby insuring a continuation of the present oil conservation policy of the Department of the Interior.

Through the extension of the law there will be continued joint action in the conservation of oil and gas between the Federal Government and the States of Kansas, Louisiana, New Mexico, Oklahoma and Texas, which are now producing 75 percent of the tota' petroleum production of the United States. Each State determines for itself, in accordance with the provisions of State laws, the amount of oil which currently may be produced from its fields and wells in the prevention of above-ground waste and underground waste.

At the senate hearing on the bill, Secretary of the Interior Harold L. Ickes cited several examples of conservation through the co-operation of the Federal and State Governments. He said that the producing life of the East Texas field, which contains more than 22,000 wells and produces 15 percent of the national oil output, has been extended by the conservation of reservoir energy to such an extent that estimates of recovery from the field have been increased 30 percent or about 600,000,000 barrels.

Marihuana Regulation Bill Passed by House

WASHINGTON, June 14, 1937.

The house of representatives today passed a bill (H.R. 6906) for the regulation of the traffic in marihuana. The measure was passed in the amended form recommended by representatives of the oilseed crushing industry. It would require all handlers of marihuana (cannabis) to register with the Treasury Department and would place a tax of $1 an ounce on legitimate transfers of the drug and $100 an ounce on illicit dealings in the material.

The bill as passed omits from the definition of marihuana hempseed oil and oilcake and the sterilized seeds of the plant as well as the mature stalks. The definition was so written following hearings on the bill at which representatives of the hempseed industry suggested that such a definition would permit the industry to operate without interference while it would in no way defeat the purpose of the measure, the suppression of the illicit traffic in the marihuana drug.

Under the terms of the bill legitimate handlers of marihuana would be required to pay occupational taxes as follows: — Manufacturers, compounders, and importers, $24 per year; producers, $5 per year; dealers, $3 per year; practitioners, including doctors, dentists, and veterinarians, and those who use marihuana for experimental purposes, $1 per year.

The measure now goes to the senate.

Drug Ad Control by F.T.C. Considered But Not Settled

WASHINGTON, June 17, 1937.

The house committee on interstate and foreign commerce today considered a revised draft of the bill introduced by its chairman, Representative Clarence F. Lea of California, to extend the powers of the Federal Trade Commission and give it specific jurisdiction over food and drug advertising. The committee reached no final conclusions and postponed further action until next week.

Meanwhile, Senator David I. Walsh of Massachusetts has introduced a new bill (S. 2640) which would greatly extend the authority of the Federal Trade Commission. Because the senate has already passed the Wheeler bill relating to the commission, it is doubtful if the Walsh bill will be considered at this session.

The Walsh bill is sweeping in its nature. It would enlarge the commission to nine members; extend its jurisdiction by incorporating the same definition of interstate commerce as that used in the Wagner labor relations act; enlarge the definition of unfair methods of competition to include all acts which may be held by the commission to be unfair or unethical trade practices; and provide penalties for violation of cease and desist orders.

In addition, the bill would permit the commission to approve voluntary trade practice agreements which would then carry exemptions from the antitrust laws, but such agreements would have to include provisions that no persons under eighteen years of age be employed; that the industry abide by marketing agreements promulgated by the Secretary of Agriculture; and that all provisions of the labor relations act and orders of the National Labor Relations Board be followed by the industry submitting the agreement.

Another provision would make the Attorney-General a party to all cases before the commission.

Nuisance Tax Extension Voted by Senate Group

Committee Recommends Added Period Be Limited to One Year

WASHINGTON, June 15, 1937.

The senate finance committee today voted to report the house resolution providing for a two-year extension of the so-called "nuisance taxes" with the recommendation that the levies be extended for only one year instead of two.

The house passed the resolution last week in a form which would provide for a two-year extension of all the taxes, which under present law would expire June 30, 1937.

During discussion of the resolution in the house the suggestion was made to limit the extension to only one year. However, Representative Robert L. Doughton of North Carolina, chairman of the ways and means committee, advanced the argument that there is a possibility of a complete revision of the tax structure at the next session and that if this cannot be accomplished by June 30, 1938, these taxes would lapse if they are extended at this time for only one year instead of two.

A futile attempt was made to remove certain of the taxes from the resolution before its passage by the house. Among these was the tax on cosmetics and toilet preparations. In the case of copper, an attempt was made to increase the excise tax on imports from four cents to nine cents per pound, on the theory that the tax under present law brings in very little revenue and does not provide sufficient protection to the domestic copper industry.

Plate Glass Groups Hit By F.T.C. as Conspiracy

Charging a conspiracy to fix prices, control sources of supply and channels of distribution in window glass, and to bring about a system of discriminatory prices, the Federal Trade Commission has issued a complaint against a group of manufacturers and distributors said to dominate the window glass industry in the United States. Violation of both the Federal Trade Commission Act and the Robinson-Patman Anti-Price Discrimination Act, is alleged.

The Window Glass Manufacturers' Association, this city, and the National Glass Distributors' Association, Chicago, and their officers, directors and executive committeemen also are named respondents.

Manufacturers named, who constitute the membership of the manufacturers' association, are:—Pittsburgh Plate Glass Company and American Window Glass Company, Pittsburgh; Libbey-Owens-Ford Glass Company, Toledo; Harding Glass Company, Fort Smith, Ark.; Adamston Flat Glass Company and Rolland Glass Company, Clarksburg, W. Va.; Scohy Sheet Glass Company, Sistersville, W. Va., and Blackford Window Glass Company, Vincennes, Ind. The Fourco Glass Company, Clarksburg, W. Va., is joined as a respondent and is said to be the owner of the Harding Glass Company and the exclusive selling agent for the Harding, Adamston, Rolland, Scohy, and Blackford companies.

The complaint alleges the respondent manufacturers own practically all the factories making window glass in the United States and produce most of the window glass sold and distributed.

Distributors named, and described as members of the distributors' association, are:—Postlewait Glass Company, Kansas City; Patek Brothers, Milwaukee; Schrenk & Co., Hoboken; Bennett Glass Company, Salt Lake City; Pritchard Paint & Glass Company, Charlotte, N. C.; Hires Turner Glass Company, Philadelphia; Toledo Plate & Window Glass Company, Toledo; W. P. Fuller & Co., San Francisco, and Binswanger & Co., Richmond, Va.

Closing Market Developments

London Closing Cable

LONDON, June 18, 1937.

Prices on beeswax were 136s. per hundredweight.

Denaturing Methanol Down

Effective today, prices on denaturing grade methanol are 2c. per gallon lower, tanks being quoted at 38c. per gallon, and drums in car lot quantities prevail at 44c. This reduction resulted from substantial competition prevailing for some time past.

Gum Tragacanth Shaded

Prices on gum tragacanth were shaded somewhat late in the week in keeping with a not too active demand and despite the fact that stocks of the No. 1 article were scarce in most quarters. No. 1 ranged $2.75 to $3 per pound; No. 2, $2.40 to $2.45; No. 3, $2.35 to $2.40; No. 4, $2.30 to $2.35; No. 5, $2.25 to $2.30.

Acetanilide Demand Heavy

Demand for acetanilide was reported to be exceptionally heavy toward the end of last week. Used in the production of sulfanilamide, for which there is a growing demand sufficient to account for an increased production at lower cost, the need for acetanilide pressed strongly on the producers. Prices were very firm.

Tankcar Fuel Oil Up

Tankcar prices for light fuel oil were advanced 0.55c. per gallon to 6.3c. at New York by a leading refiner. The Baltimore, Norfolk, Charleston and Wilmington price was raised ½c. to 6¼c. per gallon.

Zinc-Iron Oxide Up

Zinc-iron oxide prices advanced ½c. per pound to 5c. per pound for car lots and 5½c. per pound for l.c.l. quantities. The change was made in company with the increase in zinc pigments reported earlier in the week.

Tricresyl Phosphate Strong

The market for tricresyl phosphate was strong at the close of the week. Strength in prices could be explained by the heavy demand and strong tone in the basic product.

Tin Salts Quiet

The market for industrial chemicals was quiet at the close of the week, Straits tin being listed at 55½c. per pound. Soda stannate was priced at 35½c. to 38½c. per pound; tetrachloride of tin, 28c. per pound, and tin crystals 39½c. to 40c. per pound. Antimony metal was quiet at 14¾c. per pound.

Stoddard Solvent Change In Distillation Sought

WASHINGTON, June 16, 1937.

The National Bureau of Standards is notifying producers, distributors, and users of Stoddard Solvent, that, at the request of the National Association Institute of Dyers and Cleaners, and with the approval of the standing committee, the recommended revision of Stoddard Solvent, commercial standard CS3-28, circulated to the industry for acceptance on January 12, is being changed to insert a 50 percent distillation requirement at 350° F, in paragraph 11a of the recommended revision, TS-2330. That paragraph will then read as follows:—

Distillation range.—When a sample is distilled in accordance with paragraph 20, not less than 50 percent shall be recovered in the receiver when the thermometer reads 350° F, and not less than 90 percent when the thermometer reads 375° F. The end point (maximum distillation temperature) shall not be higher than 410° F.

The bureau requests all producers, distributors, and users, that in the event they desire to be recorded in the printed pamphlet as an acceptor of this commercial standard, including the change, they notify the bureau on proper acceptance forms.

Tax Information for Food Buyers Urged

WASHINGTON, June 14, 1937.

A joint resolution (H. J. Res. 409) requiring that the Treasury Department undertake a survey of all taxes which are paid by persons engaged in the manufacture or processing of major food commodities has been introduced in the house by Representative J. Parnell Thomas of New Jersey.

The survey would be conducted with a view of supplying information which would make possible labeling of food in such manner that the consumer could determine the amount of taxes paid in the course of manufacture of the article.

The resolution directs the Treasury Department to submit with its report specific drafts of legislation which would require such labeling.

Chemical Prices Moved Upward

Prices were advanced on a number of important articles in the markets for heavy and fine chemicals last week, mineral acids and white pigments chiefly being affected. Some noteworthy reductions were made, but these were relatively small, and the net result was a higher general average. Consuming demand was on the whole noticeably larger than it was a year ago, but business was quiet in comparison with the earlier part of this year.

Prices were advanced on sulphuric acid. 18-degree muriatic acid, pigment zinc oxides, lithopones, titanium white pigments, ethyl alcohol, completely and specially denatured alcohols, shingle-stain oil, domestic and imported raw and steamed bone, and bonemeal (Chicago). Prices were reduced on small lots of nitric acid, crude naphthalene, denaturing grade methanol, mandelate of soda, sulphonilamide, Japanese fishscrap, and dried blood (Chicago). Labor disturbances in the steel industry were causing some anticipatory buying of benzol.

The REPORTER'S composite index number of prices for heavy and fine chemicals was advanced to 126.7 (100=average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.7, against 88.1 at this time last year.

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W.B. Wiegand to Address Paris Rubber Congress

Newly discovered properties of colloidal carbon critically affecting its applications in rubber, paints, lacquers and inks, will be described by William B. Wiegand, director of carbon research of the Columbian Carbon Company, before the Congress International de Caoutchouc, world organization of rubber technologists, meeting in Paris this month. Mr. Wiegand sailed from New York on the Cunard-White Star liner Aquitania, June 16 for Southampton, en route to Paris.

Kaiden-Keystone

W. B. Wiegand

The ionic and hydrolytic adsorptive power of colloidal carbon, Mr. Wiegand has found, affects its chemical character as to acidity or alkalinity (pH value) and this may now be exactly evaluated. This property is of special significance in rubber, paint, ink and other fields as affecting the character of mixtures of colloidal carbon with other materials.

Columbian Carbon's new research laboratory, devoted solely to the study of colloidal carbon, its manufacture and its applications, will be formally opened in the early fall, Mr. Wiegand said. This research laboratory will contain an operating carbon production unit, thus constituting it the first laboratory equipped to study the whole subject of colloidal carbon. In addition to its new research staff, Columbian Carbon Company maintains research organizations at its Frederick H. Levey Company Division, at its Magnetic Pigment Division, and at the Mellon Institute of Industrial Research, Pittsburgh.

The principal value of colloidal carbon, according to Mr. Wiegand, lies in its extraordinary development of surface. This high surface development, he continued, imparts strength and wear resistance to mixtures containing colloidal carbon and hence is more valuable than either its blackness or the fact that it is composed of the element, carbon. The particles in each pound of colloidal carbon, Mr. Wiegand stated, have a combined surface area of about fourteen acres, equivalent to three and one-half city blocks in midtown Manhattan.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Aluminum Hydrate:—Uruguay has included aluminum hydrate for manufacturing printing inks and lacquers within the section of the raw materials schedule of the tariff, dutiable at 5 percent plus a surtax of 4 percent of the C.I.F. Montevideo value.

Calcium and Sodium Hypochlorites:—Netherlands has extended for at least six months the quota restrictions on calcium and soda hypochlorites, which were to have expired April 30.

Chlorine Gas:—Netherlands has extended for at least six months the quota restrictions on compressed chlorine gas, which were to have expired April 30.

Corn Oilcake:—Netherlands has added corn oilcake to the list of other oilcake subject to both "variable" and "fixed" monopoly fees on importation. The immediate effect was to reduce the monopoly fees on corn oilcake from 1 florin to 0.60 florin per 100 kilos, but the fees to which it is now subject include not only a "fixed" fee of 0.50 florin per 100 kilos, but also a "variable" fee of 0.10 florin per 10 kilos, subject to change weekly.

Hydrocarbons:—Reunion has made subject to import license the importation of hydrocarbons, such as gasoline, benzine and the like.

Matches:—Netherlands has extended for one year the import quota restrictions on imports of matches, which were to have expired May 31.

Matches:—Morocco, French Zone, has increased the consumption taxes on imports of matches.

Brand Sails to Address International Chamber

Charles J. Brand, executive secretary and treasurer of the National Fertilizer Association, Washington, sailed from this city June 16 with Mrs. Brand on the S.S. Manhattan to attend the Ninth International Chamber of Commerce Congress in Berlin and the Fifth International Technical and Chemical Congress of Agricultural Industries in Scheveningen, the Netherlands. He also expects to attend the Fourth International Grassland Conference in Aberystwyth, Wales, and to visit the International Institute of Agriculture at Rome.

Mr. Brand is scheduled to address the plenary session of the International Chamber of Commerce on "Effect of Controls on Output, Prices, and Movements of Primary Products." His address will be given on June 28, the first day of the congress, at the plenary session devoted to a discussion of "The Glut and Scarcity of Raw Materials."

This is the ninth general meeting of the International Chamber. An attempt is being made to make it an outstanding occasion in a period when statesmen are seeking policies and programs and courses of action that will contribute toward better international economic and political relations. The addresses, the discussions, and the final declarations of the congress, it is hoped, will further demonstrate the chamber's potentialities for constructive and worthwhile work in a disturbed world situation.

Mr. Brand will be an official United States delegate to the conferences in the Netherlands and in Wales. Among the other official delegates to the Agricultural Industries Congress are Henry G. Knight, chief, Bureau of Chemistry and Soils, U. S. Department of Agriculture; Charles C. Concannon, chief, Chemical Division, Bureau of Foreign and Domestic Commerce; J. M. Doran, executive director, Distilled Spirits Institute, Washington, and Jacob G. Lipman, director of the Agricultural Experiment Station of New Jersey.

Pepper Futures Trading Is Started on Exchange

Trading in black pepper futures began on June 16 in the New York Produce Exchange and the market proved to be fairly active with sales totalling about forty-three tons. Prices ranged from 5.98c. per pound to 6.47c. according to the position sold or bid upon.

Attendance at the opening ceremonies was large and the leading representatives of the spice trades were present when John McD. Murray, president of the exchange, made a brief speech regarding the trading rules and margin requirements. He wished the trade good luck and success.

Among those present were:—

John McD. Murray and Jerome Lewine, of Henry Hentz & Co.; Edward B. Polak, of the Polak Trading Corporation; George H. Logan and W. H. Hine, of Lamborn, Hutchins & Co.; Lloyd M. Trafford, of Charles T. Wilson & Co.; William Beane, of Fenner & Beane; Harold Bache, of Bache & Co.; Thomas Burns, of Hahn & Burns; George Curtin, of Curtin & Co.; Anthony Sayia, of H. B. Herrfeldt & Co.; Arthur Sayer; Arthur Dunn; B. H. Old, of B. H. Old & Co.; Frank Mabbs, of Mincing Trading Co.; Arthur Joensson, of the Joensson Import Corporation; Kurt Schissler, of Otto Gerdau Co.; Milton Goldfogle, chairman of the quotations and supervising committee of the exchange; James Eblen, of Eblen & Co.; William Pritchard, of Munds, Winslow & Potter; Wallace Brindley, of E. A. Pierce & Co., and many other members of the New York Produce Exchange.

The first transaction put through was a purchase made by Jerome Lewine, of Henry Hentz & Co., who bought a September contract from William Pritchard, of Munds, Winslow & Potter, at 5.78c. per pound.

Under the rules, a contract is for 33,600 pounds of black Lampong pepper containing not in excess of 3 percent of dust, dirt, stems, chaffs, or extraneous matter as determined by sifting through a No. 9½ round hole sieve. Prices are quoted in cents and the minimum fluctuation is 1/100 of a cent. Each minimum fluctuation will be equivalent to $3.36 on each contract. A delivery of black Aleppy or Tellicherry black pepper of fair average quality is permitted at the contract price.

The Produce Brokers' Association of London cabled its good wishes for the success of the new market. Some of the early buying was believed to have been for London account.

Petroleum Gases Output Up 38%

Production of 1936 Was 29,797,000 Gallons Above Record Year of 1935

Sales of liquefied petroleum gases for domestic use, gas manufacturing, industrial fuel and chemical manufacturing, and fuel for internal-combustion engines, in the United States in 1936, totaled a new record of 106,652,000 gallons compared with 76,855,000 gallons in 1935, which was 20,428,000 gallons above the previous record of 1934, according to a report of the United States Bureau of Mines. Exports of liquefied petroleum gases increased from 4,237,000 gallons in 1935, to 4,897,000 gallons in 1936. Demands for the several liquefied gases included in the report all showed substantial gains in 1936 over the previous year. Sales of propane in 1936 increased 36.1 percent from 1935 to a total of 36,502,000 gallons; deliveries of butane, which are larger in volume than any of the liquefied petroleum gases, increased 39.2 percent to a total of 47,455,000 gallons; sales of propane-butane mixtures, ranking third in volume, rose 49.1 percent to a total of 20,120,000 gallons, and pentane advanced a little more than 4 percent to a total of 2,575,000 gallons.

The industrial use of liquefied petroleum gases totaled 47,894,000 gallons in 1935 and constituted 62.3 percent of the market demand, while the comparative total for 1936 is 67,267,000 gallons or 63.1 percent of all deliveries. The 1936 sales were divided as follows:—industrial fuel, 40,140,000 gallons; chemical manufacturing, 14,445,000 gallons; internal combustion engine fuel, 12,476,000 gallons, and miscellaneous uses 206,000 gallons. The item covering the use of liquefied petroleum gases for motor fuel is of special interest, as it is the first time that this demand has been segregated in this annual survey. Sales of liquefied petroleum gases for domestic or "bottled gas" purposes accounted for 28.1 percent of the total demand in 1936. The quantity reported under this classification is 30,014,000 gallons, a gain of 40.4 percent over 1935 deliveries. Liquefied petroleum gases purchase by gas companies showed an increase of 23.6 percent in 1936, totaling 9,371,000 gallons compared with 7,581,000 gallons in 1935.

The growth of sales of liquefied petroleum gases in less than a decade is indicated in the following table:—

	Gallons.
1931	28,770,000
1932	34,115,000
1933	38,931,000
1934	56,427,000
1935	76,855,000
1936	106,652,000

Propane, because of its high volatility, is sold principally for domestic purposes, or for cooking or lighting in homes where gas from gas-company mains is not available. The demand of 24,423,000 gallons accounted for two-thirds of the total sales of propane in 1936. Propane is of secondary importance as an industrial fuel and a small amount is used as a raw material in chemical manufacturing. Sales of propane for industrial fuel and chemical use were reported as 11,030,000 gallons in 1936. Less than 1,000,000 gallons of propane were purchased by gas manufacturing companies in 1936. Butane, less volatile than propane, has a higher B. t.u. value per gallon, hence it is used chiefly as an industrial fuel, there having been 28,553,000 gallons of butane (60.2 percent of total deliveries) sold under this caption in 1936, including a small quantity going to chemical plants for raw material. Distributors reported that 9,622,000 gallons of butane were used as fuel in internal combustion engines in 1936, a demand confined largely to the Pacific Coast area. Deliveries of butane to gas companies, which declined from 5,064,000 gallons in 1934 to 5,042,000 gallons in 1935, registered a gain in 1936, when a total of 6,227,000 gallons was reported under this classification. Domestic uses of butane increased over 100 percent in 1936 to 2,956,000 gallons. Propane-butane mixtures are sold largely to chemical plants for raw material and a minor quantity is consumed as industrial fuel.

(Continued on page 52)

N. Y. P. V. L. A. Outing To Be Held June 22

The New York Paint, Varnish and Lacquer Association will hold its annual sports outing June 22 at the North Hills Golf Club, Douglaston, Long Island. There will be a golf match, pitching of horse shoes and quoits, and indoor sports. The outing will be held rain or shine. Luncheon will be served from noon to 2:30 p.m.; dinner at 7 p. m. Members are asked to take with them as many guests as they please. Tickets will be $6 each, which includes everything, even greens fees and tips.

Jack Redmond, internationally famous trick shot player, will give an exhibition about 6 o'clock. G. Austin Wharry is chairman of the program-entertainment committee, and may be telephoned at Triangle 5-1974.

Corporation Mergers Restriction Proposed

WASHINGTON, June 16, 1937.

Bills to amend the Clayton Act by prohibiting mergers or control of corporations whose business affects interstate commerce have been introduced in Congress by Senator Guy M. Gillette and Representative Edward C. Eicher of Iowa.

The bills (S. 254 and H.R. 7371) would prohibit any corporation from acquiring the major part of the stock or assets of any competing corporation, or acquiring any part of the stock or assets of another corporation where the effect may be to substantially lessen competition or restrain commerce in any section. Similar restrictions would apply to holding companies in securing the assets or stock of two or more corporations.

U. S. Paint Exports World-Wide

Exports of paints, varnishes, and lacquers by the United States in April, 1937, totaled 578,225 gallons, an increase over April, 1936, of 40 percent, and the value reached $928,000 compared with $706,000, according to C. C. Concannon, Chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. Only nine countries of the world, eight in Europe, and one in Latin America, failed to purchase American paint products in the month.

Shipments were equally distributed between the eastern and western hemispheres, and with the exception of Africa, each continental area took in excess of 100,000 gallons of assorted paints, varnishes and lacquers.

On a continental basis Latin America was first taking a total of 110,550 gallons; followed by North America, including the West Indies, with 111,660 gallons; Europe with 108,000 gallons; the Near and Far East with 104,660 gallons; and Africa, 58,000 gallons. Shipments to our non-contiguous territories aggregated 80,865 gallons during the month.

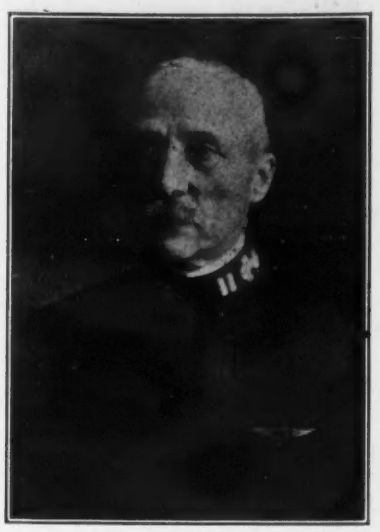
On a country basis the Union of South Africa was our most important foreign market for paint products in April, taking more than 50,000 gallons, against total shipments of 58,000 gallons to the entire African continent. In the Far Eastern Area the Philippine Islands took 46,500 gallons; followed by British India with 20,500; Japan 12,200; and China, 7,000 gallons. In Europe, Belgium was the largest purchaser taking a total of 46,432 gallons, largely nitrocellulose lacquers and thinners; followed by Sweden with 18,000 gallons; and the United Kingdom with 7,000 gallons.

Practically all countries of Latin America increased their purchases of American ready mixed paints, varnishes, and lacquers during April, preliminary statistics show. The Argentine led taking a total of 41,600 gallons against 30,000 in April, 1936; shipments to Colombia increased from 11,770 to 18,600 gallons; and to Brazil from 15,660 to 17,725 gallons.

In North America, Mexico was the outstanding foreign purchaser, taking a total of 27,380 gallons; followed by Cuba with 22,600; and Canada with 18,875.

Cabot Gives $615,773 For Botanical Research

Dr. Godfrey L. Cabot, president of Godfrey L. Cabot, Inc., carbon black manufacturer, Boston, has set up a fund of $615,773 at Harvard University, to be used in long-range pioneering research into plants, especially trees, and the rate at which they store solar energy in forms suitable for human use. The first investigations will deal with methods of increasing the growth of



Dr. Godfrey L. Cabot

plants, and particularly trees, and the rate at which they convert sunlight into cellulose and other vegetable substances valuable to mankind. The income of the fund is to be used for the first fifty years for plant research, but thereafter may be used for other purposes, at the discretion of the president and fellows of the university. Dr. Cabot, of the class of '82, has designated the fund the Maria Moors Cabot Foundation for Botanical Research.

James B. Conant, president of the university, said the foundation "is a first and highly important step toward the creation in Harvard University of a broad and far-reaching program of advanced research and instruction in the whole range of the conservation of natural resources." He said Dr. Cabot had long been impressed with the increasing importance of cellulose both as a substance and a source of energy.

Dr. Cabot, an authority on aviation, and the oldest man to hold a commission in the United States naval air forces, in 1935, provided the first opportunity ever given to an educational institution to investigate and teach air transportation and regulation, by presenting to Norwich University, Northfield, Vt., a substantial sum to found the James Jackson Cabot professorship of air traffic regulation and transportation. He believes it possible to frame rules for air traffic and obtain their enactment into statute by the United States Government and that the rest of the world will adopt them as a matter of obvious wisdom. This professorship was named after his son, who died some years ago.

'Oil Trust' Suit Ordered To Trial in Texas Court

The Texas anti-trust laws were upheld by the State Supreme Court, Austin, Texas, June 16, and the $17,850,000 penalty and forfeiture suit brought by the present Governor James V. Allred when attorney-general, against the Standard Oil Company and sixteen other oil companies, and the American Petroleum Institute, was ordered tried in Travis County District Court.

The suit charged anti-trust violations in complying with the American Petroleum Institute code governing filling station operations and retail marketing practices.

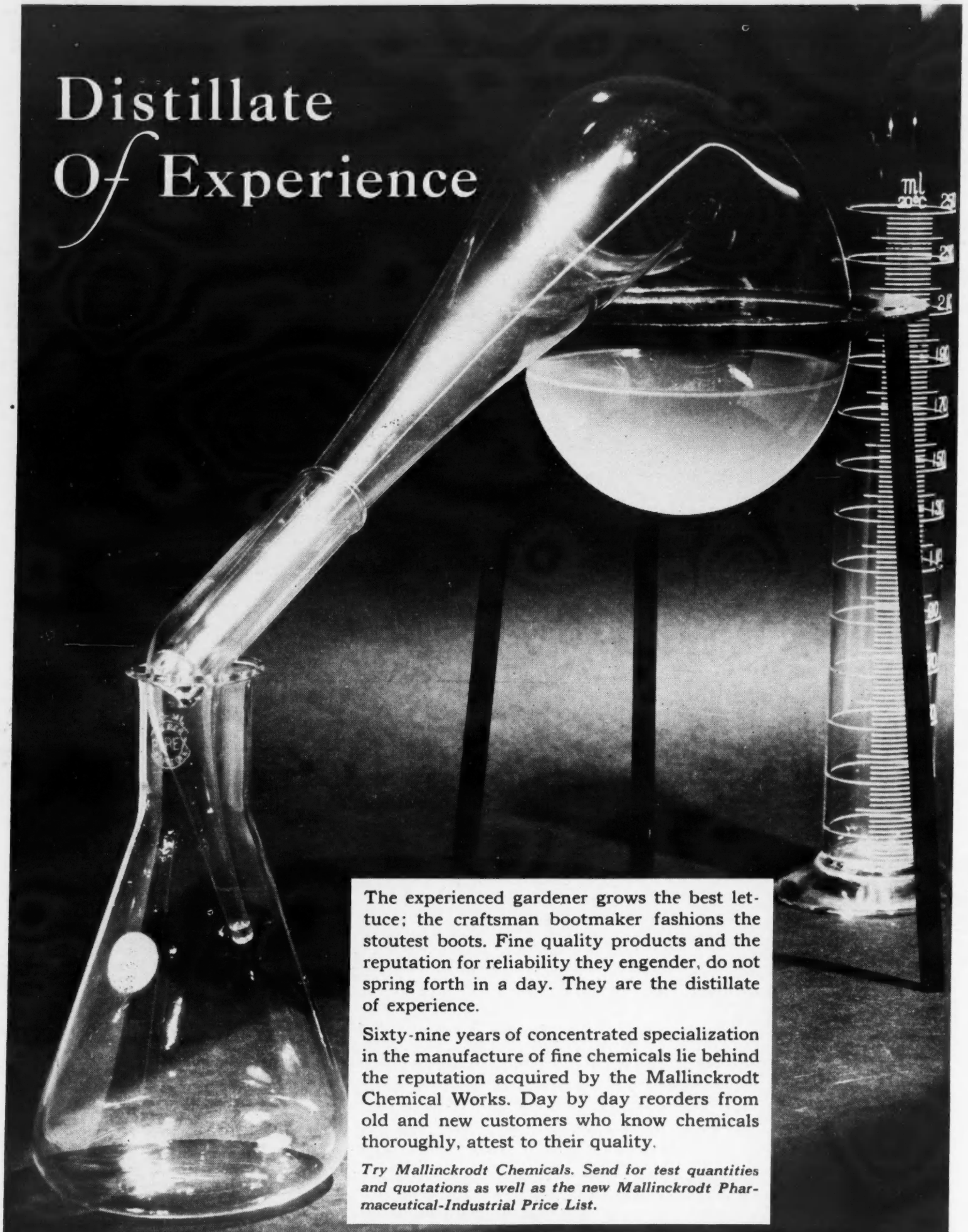
D.C. Tax Bill Passed by House

WASHINGTON, June 18, 1937.

The House passed the District of Columbia tax bill designed to raise between $6,000,000 and $10,000,000 to meet the District of Columbia deficit.

The bill provides for a drastic graduated chain store tax for every chain store in the District.

Distillate Of Experience



The experienced gardener grows the best lettuce; the craftsman bootmaker fashions the stoutest boots. Fine quality products and the reputation for reliability they engender, do not spring forth in a day. They are the distillate of experience.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works lb. .75 - 1.00
Acetaldehyde, dms., c.l., works lb. .14 - —
l.c.l., works lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works lb. .35 - —
l.c.l., 1,000 lbs., works lb. .43 - —
smaller lots, works lb. .48 - 1.00
tech., kegs, c.l., works lb. .32 - —
l.c.l., 1,000 lbs., works lb. .38 - —
smaller lots, works lb. .43 - .75
Acetanilide, tech., 95%, bbls. lb. .24 Nom.
USP, bbls., 1,000 lbs lb. .25 - —
smaller lots lb. .26 - —
kegs, 1,000 lbs lb. .26 - —
smaller lots lb. .27 - —
Acetin, tech., dms lb. .33 - —
Acetoacetanilide, dms lb. .65 - .70
Acetone, CP, dms., c.l., dlvd. lb. .06 - —
l.c.l., dlvd lb. .06½- —
tanks, dlvd lb. .05 - —
Methyl (see M)
Acetophenone, bots lb. 1.30 - 1.45
cns., 25 lbs lb. 1.15 - 1.25
dms., 100 lbs lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs. lb. 1.30 - —
single pkg lb. 1.35 - —
smaller pkgs lb. 1.32 - 1.40
Acid, abietic, bbls., c.l. lb. .09¾- —
l.c.l. lb. .10 - —
Acetic, coml. or redist., 28%, bbls. 100 lbs. 2.53 - 2.78
cbys. 100 lbs. 3.03 - 3.28
56%, bbls. 100 lbs. 4.75 - 5.00
cbys. 100 lbs. 5.25 - 5.50
70%, bbls. 100 lbs. 5.92 - 6.17
cbys. 100 lbs. 6.40 - 6.65
80%, bbls. 100 lbs. 6.74 - 6.99
cbys. 100 lbs. 7.24 - 7.49
glacial, nat., CP., cbys. 100 lbs. 14.00 - —
99.5%, nat., bbls., c.l. 100 lbs. 8.70 - 8.95
cbys. 100 lbs. 9.20 - 9.45
syn., al. dms., c.l. 100 lbs. 8.70 - 8.95
cbys. 100 lbs. 9.20 - 9.45
USP, reagent, 99.8%, al. dms. 100 lbs. 10.75 -11.00
cbys. 100 lbs. 13.75 -14.00
pure, 80%, bbls., c.l. 100 lbs. 3.60 - 3.85
cbys. 100 lbs. 4.10 - 4.35
36%, bbls., c.l. 100 lbs. 4.05 - 4.25
cbys. 100 lbs. 4.55 - 4.80
60%, bbls., c.l. 100 lbs. 6.79 - 7.04
cbys. 100 lbs. 7.29 - 7.54
80%, bbls., c.l. 100 lbs. 8.53 - 9.08
cbys. 100 lbs. 9.03 - 9.28

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass, N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l. lb. .13 - —
l.c.l., dms., cbys. lb. .14 - .15
Acetylsalicylic, USP, bbls, 225 lbs. lb. .50 - —
boxes, 25 lbs lb. .51 - —
kegs, 100 lbs lb. .50 - —
Anthranilic, refd., bbls. lb. .85 - .90
tech., bbls lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs lb. .18 - —
Battery, cbys. c.l. E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works 100 lbs. 1.85 - —
10-24, E. works 100 lbs. 1.95 - —
1-9, E. works 100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more lb. .42 - —
1,000 to 3,900 lbs lb. .44 - —
900 lbs. or less lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs lb. .55 - —
900 lbs. or less lb. .58 - .60
dms., 4,000 lbs. or more lb. .55 - .56
1,000 to 3,900 lbs lb. .56 - .57
900 lbs. or less lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton. 105.00 - —
c.l., delvd ton. 110.00 - —
l.c.l., ex whse ton. 115.00 -120.00
sks., contracts, 80 tons, delvd ton. 95.00 - —
c.l., delvd ton. 100.00 - —
l.c.l., ex whse ton. 105.00 -110.00
powd., bbls., contracts, 80 tons, delvd ton. 110.00 - —
c.l., delvd ton. 115.00 - —
l.c.l., ex whse ton. 120.00 -125.00
sks., contracts, 80 tons, delvd ton. 100.00 - —
c.l., delvd ton. 105.00 - —
l.c.l., ex whse ton. 110.00 -125.00
USP., $25 per ton higher.
Broenner's bbls lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va. lb. .22 - —
l.c.l., same basis lb. .23 - —
tanks, same basis lb. .21 - —
Camphoric, cans lb. 5.50 - 5.70
Capric, dms lb. .19½- .20
Caproic, cans lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms lb. .16 - .16½
Chlorosulphonic, dms., c.l., works lb. .0350- —
5 drum lots, works lb. .04 - —
single drum lb. .05 - —
tanks, works lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .1475- .1675
Cinnamic, refd., bots lb. 2.85 - 3.25
Citric, cryst., bbls lb. .25 - —
kegs lb. .25½- —
gran., bbls lb. .25 - —
kegs lb. .25½- —
powd., bbls lb. .25½- —
anhyd., gran., dms lb. .27½- —
powd., dms lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St Louis deliveries are ½c. higher than N. Y.

Acid, cleve's, bbls lb. .50 - —
Cottonseed oil, dms lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled gal. .89 - —
l.c.l., same basis gal. .91 - —
low-boil, dms., c.l., works, frt. equaled gal. .92 - —
l.c.l., same basis gal. .94 - —
imported pale, 97-99, dms. gal. 1.00 Nom.
special resin grade, dms., c.l., works lb. .10¾- —
l.c.l., same basis lb. .11¼- —
Crotonic, dms., works lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l. lb. .11 - —
l.c.l., 25 and over lb. .1150- —
1-24 lb. .12 - —
inland territory, cbys., c.l. lb. .1185- —
l.c.l., 25 and over lb. .1235- —
1-24 lb. .1285- —
southern territory, cbys., c.l. lb. .1220- .1290
l.c.l., 25 and over lb. .1270- .1340
1-24 lb. .1320- .1390
Fumaric, bbls lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works lb. .35 - —
smaller lots, works lb. .45 - —
Gallic, tech., bbls lb. .65 - .68
N.F., VI, bbls lb. .77 - .80
Gamma, bbls lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs. lb. .20 - —
H, bbls lb. .50 - .55
Hempseed oil, dms lb. .1180-.1225
Hydriodic, 47%, bots lb. 2.20 - 2.25
57%, bots lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works lb. .80 - 1.00
Hydrofluoric, 30%, bbls lb. .07 - .0750
leac, cbys lb. .09 - .0950
48%, lead cbys lb. .1150- .12
52%, lead cbys lb. .1250- .13
60%, lead cbys lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls. lb. .10½- .15
Hypophosphorus, USP, 30%, djns. lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works 100 lbs. 2.50 - —
l.c.l., bbls., works 100 lbs. 2.75 - —
cbys., works 100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works 100 lbs. 6.75 - —
cbys., works 100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys. lb. .10¼- .11½
plastic grade lb. .12¼- .13¾
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade lb. .13¼- .14¾
80%, 5 and over, bbls., cbys. lb. .21 - .22
1 to 4 bbls., cbys lb. .21½- .22¾
USP, X, 85%, cbys lb. .42 - .45
USP VIII, 75%, cbys. lb. .40 - .43
Laurent's, bbls lb. .45 - —
Linseed oil, dark or light, dms. lb. .1310- .1350
tanks lb. .1250- —
extra white, dms lb. .1125- .1175
split, dms lb. .0950- .1060
Maleic, powd., dms lb. .30 - .40
anhydride, dms lb. .38 - .43
Malic, powd., kegs lb. .45 - .60
Mandelic, bots lb. 3.00 - —
fib. dms lb. 2.65 - 2.75
Mixed, tanks, nitric unit lb. .06½- .07½
sulphuric unit lb. .0085- .009
Monochloroacetic, tech., bbls. lb. .16 - .17
99%, bbls lb. .18 - .19
Monosulphonic, bbls lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works 100 lbs. 1.50 - —
l.c.l., 25 and over, E. works 100 lbs. 1.75 - —
10 to 24, works 100 lbs. 1.85 - —
1 to 9, works 100 lbs. 2.45 - —
tanks, works 100 lbs. 1.05 - —
20°, cbys., c.l., E. works 100 lbs. 1.75 - —
l.c.l. 25 and over, works 100 lbs. 2.00 - —
10 to 24, works 100 lbs. 2.10 - —
1 to 9, works 100 lbs. 2.70 - —
tanks, works 100 lbs. 1.15 - —
22°, cbys, c.l., E. works 100 lbs. 2.25 - —
l.c.l., 25 and over, works 100 lbs. 2.50 - —
10 to 24, works 100 lbs. 2.60 - —
1 to 9, works 100 lbs. 3.20 - —
tanks, works 100 lbs. 1.65 - —
C.P., dealers, cbys lb. .05½- —
6-lb. bots lb. .07½- —
consumers, cbys lb. .06½- —
6-lb. bots lb. .18½- —
Myristic, dms., ex. L. lb. .14¼- .15
white, redist., dms lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms. lb. .07 Nom.
210-230, dms lb. .09 Nom.
240-280, dms lb. .10 Nom.
sludges, dms lb. .05 Nom.
Neville & Winther's, bbls lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works 100 lbs. 5.25 - —
10 to 24, works 100 lbs. 5.35 - —
1 to 9, works 100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works 100 lbs. 5.75 - —
l.c.l., 25 and over, E. works 100 lbs. 5.75 - —
10 to 24, works 100 lbs. 5.85 - —
1 to 9, works 100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
Nitric, 40°, l.c.l., 25 and over, E. works 100 lbs. 6.25 - —
10 to 24, works 100 lbs. 6.35 - —
1 to 9, works 100 lbs. 6.95 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 -
10 to 24, works 100 lbs. 6.85 - —
1 to 9, works 100 lbs. 7.45 - —
C.P., dealers, cbys lb. .10½- —
7-lb. bots lb. .21½- —
consumers, cbys lb. .11½- —
7-lb. bots lb. .22½- —
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works lb. .10¾- —
10,000 lbs., and over lb. .11 - —
smaller quantities lb. .12 - .14
Palm oil, dms lb. .08¾- .09¼
Phenylacetic, bots lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys. lb. .06 - —
75%, cbys lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 70 lbs. lb. .12 - —
djns., 25 lbs. lb. .15 - —
50% s.q., 1347, cbys., 70 lbs. lb. .12 - —
djns., 25 lbs. lb. .15 - —
10%, dilut., cbys, djns. lb. .07 - .07½
Picramic, kgs lb. .65 - .70
Picric, bbls lb. .35 - —
Propionic, ref., cbys., works lb. .25 - —
dms., works lb. .22 - —
tech., cbys., works lb. .20 - —
dms., works lb. .16 - —
Pyrogallic, tech., lump, powd., bbls. lb. .90 - —
cns. lb. .95 - —
USP, cryst., cns lb. 1.55 - 1.60
resubl., cns lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, dms lb. .38 - —
Salicylic, tech., bbls lb. .35 - —
USP, bbls lb. .40 - .45
Sebacic, C.P., bbls., works lb. .58 - —
tech., bbls., works lb. .37 - .41
Soybean oil, dist., dms lb. .10½- .11½
Stearic, distil., double pressed, bgs., dlvd. lb. .12½- .13½
single pressed, bgs., dlvd. lb. .12 - .13
triple pressed, bgs., dlvd. lb. .15½- .16¼
saponif., double pressed bgs., dlvd. lb. .12¾- .13¾
triple pressed, bgs., dlvd. lb. .15½- .16½
Succinic, bbls lb. .75 - —
Sulphanilic, CP, bots, works lb. 1.60 - 1.68
tech., dms., works lb. .17 - —
Sulphonaphthenic, dms lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works 100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works 100 lbs. 1.60 - —
1 to 9, works 100 lbs. 2.20 - —
tanks, E. works ton. 13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works 100 lbs. 1.85 - —
1 to 9, works 100 lbs. 2.45 - —
tanks, E. works ton. 16.50 - —
98%, tanks, works ton. 17.50 - —
C.P., dealers, cbys lb. .05½- —
9-lb. bots lb. .15½- —
consumers, cbys lb. .06½- —
9-lb. bots lb. .16½- —
fuming, 20%, tanks, E. works ton. 18.50 - —
65%, tanks, E. works ton. 35.00 - —
Tannic, tech., bbls lb. .26 - .32
USP, fluffy, bbls., 1,000 lbs. lb. .78 - —
smaller lots lb. .80 - —
powd., bbls., 1,000 lbs lb. .68 - —
smaller lots lb. .70 - —
Tartaric USP, dom., cryst. gran., powd., bbls., 10,000 lbs. or more, one shipment lb. .23¾- —
smaller quantities lb. .24¼- —
kgs. lb. .24¾- —
Tobias, bbls lb. .65 - —
Trichloroacetic, bots lb. 2.00 - 2.50
Tungstic, CP, kgs lb. 3.00 - —
tech., kgs lb. 2.75 - —
Aconite leaves, bls lb. .22 - .24
Root, bls lb. .30 - .32
Aconitine, amorph., bots oz. 17.00 -18.00
vls gr. .06 - .09
cryst., bots oz. 30.00 - —
vls gr. .09 - .11
Adeps, lanae, annyd., dms lb. .17½- .19
hyd. dms lb. .16 - .18
Agar, 1, bls lb. 1.15 - 1.20
2, bls lb. 1.05 Nom.
3, bls lb. .85 - .90
Agaric, white, bls lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago lb. .11 - —
l.c.l., bgs., Chicago lb. .13 - .15
pow'd, grade A, Chicago, ton lots lb. .15 - —
smaller lots, Chicago lb. .18 - —
light, dom., flake, dms, Chicago lb. .52 - .60
import, bgs lb. .50 - —
Egg, ed., dom., bbls lb. 1.05 - —
Import, cs lb. .76 - .77
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld. lb. .133 - —
l.c.l., frt. alld lb. .143 - —
tanks, frt. alld lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts lb. .09½- —
l.c.l., same terms lb. .10 - —
tanks, same terms lb. .08¼- —
Benzyl, cans lb. .70 - —
drums lb. .63 - —
Butyl, normal, dms., c.l., frt. alld lb. .10 - —
l.c.l., frt., alld lb. .10½- —
tanks, frt., alld lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts lb. .08 - —
l.c.l., same terms lb. .08¼- —
tanks, same terms lb. .07 - —
tertiary, denating, dms., frt. alld lb. .14 - —
Capryl, pure, dms., works lb. 2.50 - —
tech., dms., works lb. .85 - —

Acacia—Alumina Acetate

Alcohol, cetyl., dom., C.P., fiber ctns., 1,000 lbs lb. 1.50 - —
500 lbs lb. 1.70 - —
100 lbs lb. 1.80 - —
25 lbs lb. 1.90 - —
5 lbs lb. 2.00 - —
coml., dms lb. .95 - —
import, 85%, dms., 100 lbs. lb. .55 - —
5 to 10 lbs lb. .75 - —
coml., dms., 850 lbs lb. .45 - —
Cinnamic, bots lb. 2.50 - 3.50
Denatured, CD11, dms., c.l., works, E. frt. equal gal. .35 - —
20 dms., East gal. .37 - —
1-10 dms., East gal. .40 - —
tanks, East gal. .29 - —
Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit
SD1, 190 pf., bbls., c.l., E. works gal. .34 - —
19 bbls., E. works gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works gal. .33 - —
19 dms., E. works gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works gal. .27 - —
Anhydrous, 5c. per gal. higher.
Special solvent, dms., c.l., E. works gal. .34 - —
20 dms., E. works gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works gal. .28 - —
Tankcar sales require written authorization by Alcohol Tax Unit.
Diacetone, pure, contract, dms., c.l., frt. alld lb. .13½- —
l.c.l., frt. alld lb. .14 - —
tech., contract, dms., c.l., frt. alld lb. .12½- —
l.c.l., frt. alld lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls. c.l gal. 4.13 - —
19 bbls gal. 4.15 - —
1 to 18 bbls gal. 4.18 - —
dms., c.l. gal. 4.12 - —
19 dms gal. 4.14 - —
1 to 18 dms gal. 4.17 - —
tanks gal. 4.06 - —
absolute, dms gal. 4.04 - 6.08½
Grain alcohol 45c. per gal. higher.
Furfuryl, tech., cns., works lb. .45 - —
dms., c.l., 33,000 lbs., works lb. .30 - —
l.c.l., 500 lbs. and more, works lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts lb. .13 - —
l.c.l., same terms lb. .13½- —
tanks, same terms lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd. lb. .27 - —
cans, works lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies lb. .09¼- —
l.c.l., same terms lb. .10 - —
tanks, same terms lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld gal. .32 - —
l.c.l., frt., alld gal. .33 - —
refd., 91% dms., c.l., f.o.b. dest. gal. .39½- —
l.c.l., same terms gal. .44½- —
tanks, same terms gal. .34½- —
98%, dms., c.l., same terms, gal. .44¼- —
l.c.l., same terms gal. .49¼- —
tanks, same terms gal. .39½- —
tech., 91%, dms., c.l., same terms gal. .35 - —
l.c.l., same terms gal. .40 - —
tanks, same terms gal. .30 - —
98%, dms., c.l., same terms, gal. .39¼- —
l.c.l., same terms gal. .44¼- —
tanks, same terms gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns lb. 2.50 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works gal. .70 - .80
Aldol, 95%, dms., c.l., works lb. .21 - —
l.c.l., works lb. .25 - —
Aletris root, bgs lb. .80 - .81
Alizarin (see Red, alizarin).
Alkanet root, bgs lb. .10 - .11
Aloe, Barbados, true, cs lb. .85 - .90
Cape, cs lb. .19 - .20
Curacao, cs lb. .21 - .23
gourds, bbls lb. .50 - .51
Socotrine, kgs lb. .32 - .33
Aloin, bbls., cns lb. 1.50 - 1.55
Alphanaphthol, bbls lb. .52 - —
Alphanaphthylamine, bbls lb. .32 - —
Althea root, cube cut, bls lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works 100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila 100 lbs. 2.90 - —
lump, bbls., works 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila 100 lbs. 3.15 - —
powd., bbls., works 100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila 100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y prices apply to truck or ex warehouse

potash, gran., bbls., works 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila 100 lbs. 3.15 - —
lump, bbls., works 100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila 100 lbs. 3.40 - —
powd., bbls., works 100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila 100 lbs. 3.55 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls lb. .07 - .07¼
Soda, bbls., c.l., works 100 lbs. 3.25 - —
l.c.l., dlvd 100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls. lb. .09 - .16

Alumina Chlor.—Amyl Chloride

Alumina chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works.....lb. .05 - —
12,000 to 40,000 lbs., works.....lb. .01 - —
1,100 to 11,000 works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works .....lb. .06¾- —
solution, 32 deg., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¾- —
Hydrate, heavy, b works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l., lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.55 - —
l.c.l., works, frt. equaid.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd., met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63½- —
5,000 lbs., same basis..lb. .64½- —
2,000 lbs., single shipt., same basis..lb. .65 - —
On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.
ink, dms., 30,000 lbs., same basis..lb. .73½- —
5,000 lbs., same basis..lb. .74½- —
2,000 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis—lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90½- —
5,000 lbs., same basis..lb. .91 - —
2,000 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55½- —
5,000 lbs., same basis..lb. .56½- —
2,000 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis. lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine living paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis..lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis..lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
rubber comp., dms., 30,000 lbs., same basis..lb. .38½- —
5,000 lbs., same basis..lb. .39½- —
2,000 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste)
unpolished, dms., 30,000 lbs., same basis..lb. .35½- —
5,000 lbs., same basis..lb. .36½- —
2,000 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste)
varnish, extra brilliant, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis.lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipt (see note fine lining paste)
standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis.lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste)

Ambergris, gray, tins.....oz.17.00 -35.00
Amidopyrene, fib., dms., 100 lbs.. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, acetate, kgs.....lb. .26 - .38
Aldehyde, dms .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content)...lb. .04½- —
tankwagons .....lb. .02 - —
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls..lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —

Ammonia chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls.....lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls.....lb. .17 - —
Nitrate, tech., bags, c.l., works, 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .10 - —
Perchlorate, kgs.....lb. .16 - —
Phosphate, dibasic, N.F.V., bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works..unit-ton. 1.20 & .70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 11-13 mos. June-Oct., ton..26.50 - —
Nov.-Dec. .....ton.27.00 - —
Jan.-June 1938.....ton.27.50 - —

Ammonia sulphate contracts any 6-10 mos., through June 1938, $1 per ton additional; contracts any 1-5 mos., through June 1938 $2 per ton additional; spot prices $2 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.

Ammonia sulphide, liquid, 35-40%. basis 100%, dms., works, lb. .12 - .15
tanks, delvd .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - .0670
white, gran., dom., bbls., contracts, works.100 lbs. 5.00 - 5.05
import, csks .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt., alld.....lb. .12 - —
tanks, works .....lb. .10½- —
ex pentane, dms., frt. alld., lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —

A NEW NAME IN CARBON BLACK

ONE OF THE WORLD'S FINEST CARBON BLACK PLANTS

● Located at Sunray, Texas, in the heart of the gas and oil district, with an abundant supply of natural gas reserve on which to rely, Continental's new 160-acre plant is built on the latest lines, equipped with the most modern machinery and supervised by men of long and successful experience in the industry. In its air-conditioned laboratories advanced technicians will engage in continuous research and serve customers in the use of carbon black.

● **NOW IN FULL PRODUCTION**... Although it is only a few months since plans were laid for this new plant, with its daily capacity of 70,000,000 cubic feet of gas, it is now in full production, bringing to the carbon black industries a timely new supply to meet today's increasing demands.

Amyl chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works .....lb. .077 - —
tanks, works.....lb. .06 - —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots, 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l. works..lb. .20 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots .....lb. 1.15 - 1.20
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .28 - .30
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .12½- .13
Star, bgs.....lb. .12 - .12½
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07½- .08¼
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 -
Metal, dom.....lb. .14¾- —
Chinese, duty paid.....lb. .14¾- —
Needle, powd., bbls.....lb. .17½- .19½
Oxide, dom., bbls., c.l.....lb. .16½ Nom.
l.c.l. .....lb. .16¾ Nom.
import, bbls. .....lb. .16¾ Nom.
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb. lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, pure, 100%, csks..... 100 kilos. 27.50 - —
Arnica flowers, bls. .....lb. .28 - .30
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08⅝- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import., cs.....lb. .15¾- .16¾
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .06 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .33
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. inmes..ton. 37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton. 35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines—ton. 14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
Asphaltum, Barbados, AA, bgs., 20 tons, f.o.b. N. Y..lb. .08½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points .....ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 40.50 - —
Jet, bgs., c.l., Western shipping points..ton. 30.50 - —
Maltha, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs.....lb. .38 - .40
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works. ton. 44.00 - —
96%, 200 mesh, bgs., c.l., works..ton. 47.00 - —
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls...lb. .19 - —
dms. .....lb. .20 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dels., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line. ton. 72.00 - —
Barium chloride, tech., c.l., Zone 1, bbls., same basis..ton. 74.00 - —
l.c.l., bgs., same basis, ton. 85.00 - —
bbls., same basis..ton. 87.00 - —
Zone 2, bgs., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla..ton. 76.00 - —
bbls., same basis..ton. 78.00 - —
l.c.l., bgs., same basis, ton. 89.00 - —
bbls., same basis..ton. 91.00 - —
Zone 3, bgs., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz., ton. 82.00 - —
bbls., same basis..ton. 84.00 - —
l.c.l., bgs., same basis, ton. 95.00 - —
bbls., same basis..ton. 97.00 - —
Zone 4, bgs., c.l., dlvd. Wash., Ore., Calif., Nev..ton. 78.00 - —
bbls., same basis..ton. 80.00 - —
l.c.l., same basis....ton. 91.00 - —
bbls., same basis..ton. 93.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .06½
Iodide, bots. .....lb. 4.20 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. .....lb. .03½- .10
kgs. .....lb. .12 -
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston. ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85- —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95.75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton. 25.00 -26.00
l.c.l., ex wrhse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls..... gal. 71¼Note
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .10 - .11
Bentonite, 1, 96%, 300 mesh, bgs., Wyo. works..ton. 16.00 - —
2, 92%, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
Benzaldehyde, tech., cbys., dms. lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. 1.25 - —
5 to 25 lbs.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb. 13.00 -13.25
Hydrochloride, cns.....lb. 13.00 -13.25
Sulphate, cns.....lb. 14.75 -15.00
Berberis root, bls.....lb. .13 - .15
Betanapthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, flb. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanapthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 -
Nitrate, cryst., 5-lb., bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.96 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58

• **READY FOR SERVICE...** Quick action and efficiency characterized the construction of Continental's plant; quick action and efficiency will characterize the service it renders to customers. Men of experience built it; men of experience working with large facilities and extensive gas reserves assure you prompt cooperation in meeting your most exacting demands for carbon black.

1. PRODUCTION BEGINS
An operator throws the switch that starts the first units.

2. LET'S GO
A workman lights the first row of burners.

3. CHECKED AND TESTED
More units are placed in full operation.

4. ON ITS WAY
The first bag is weighed for shipment.

5. 70,000,000 CUBIC FEET PER DAY
These seven agitators and air separators handle the production from 70,000,000 cubic feet of gas daily.

6. FOR A GROWING DEMAND
Bagged and sorted at the warehouse, ready for shipment.

CONTINENTAL

CONTINENTAL CARBON COMPANY
295 MADISON AVENUE, NEW YORK, N. Y.

Bismuth—Bromoform

Bismuth subcarbonate, fib. dms. lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.32 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.46 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns.....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.06 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
Black, bone, 7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd Zone C, Pac. Cst. States.lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)...lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
Black, carbon, stand., ctns., l.c.l., dlvd. all zones..lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c. i. f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y. ....lb. .12 - —
3 bbls., c.l., f.o.b. N. Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b., N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Black, vine, A, bbls., works or N. Y..lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .21 - .22
Tree bark, bls.....lb. .12 - .13
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.50 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.25 - —
import, bgs., c.i.f. ports, Aug. shipt..unit-ton. 3.60 - 3.70
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .16
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls, same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.45 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis..lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basisNlb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.05
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works.100 lbs. 5.15 - —
16-25 bbls., same basis. 100 lbs. 5.40 - —
6-15 bbls., same basis. 100 lbs. 5.50 - —
3-5 bbls., same basis. 100 lbs. 5.75 - —
1-2 bbls., same basis. 100 lbs. 5.90 - —
monohydrated, dms., c.l. dealers..lb. .10 - —
l.c.l., dealers.....lb. .11 - —
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
c.i.f., Atlantic ports..ton.36.00 - —
import, bgs., c.i.f. ports..ton.35.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chi-Chicago..ton.25.00 - 27.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.27.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton.23.00 - 24.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.25.00 - —
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.52.00 - —
l.c.l., ex whse.....ton.61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse.....ton.51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton.57.00 - —
l.c.l., ex whse.....ton.66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton.47.00 - —
l.c.l., ex whse.....ton.56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis, lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns.....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60

Reilly
COAL TAR PRODUCTS

ACIDS
CRESYLIC ACID
HIGH BOILING TAR ACIDS
PHENOL
LOW BOILING XYLENOL
U. S. P. CRESOL
ORTHO CRESOL
META PARA CRESOL

OILS
NEUTRAL OIL
TAR ACID OIL
LIGHT OIL
CREOSOTE OIL
COAL TAR OIL
BRUSHING OIL

CHEMICALS
ACENAPHTHENE · ANTHRACENE · CARBAZOLE
FLUORENE · METHYL NAPHTHALENE
PHENANTHRENE · NAPHTHALENE

INDUR PLASTICS
INSULATING VARNISH · LAMINATING VARNISH
MOLDING POWDER · MOLDING RESIN

SPECIAL PRODUCTS
CARBON COKE · COAL TAR PAINTS
COAL TAR PITCH · BITUVIA ROAD TAR
FLOTATION OILS · PIPE COATING · TRANSOTE
ROOFING FELT, PITCH AND TAR

REILLY TAR & CHEMICAL CORPORATION
Executive Offices: Merchants Bank Building, Indianapolis, Indiana
7513 S. DAMEN AVENUE, CHICAGO, ILLINOIS 500 FIFTH AVENUE, NEW YORK, N. Y. ST. LOUIS PARK, MINNEAPOLIS, MINN.
FIFTEEN PLANTS TO SERVE YOU

Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12¼- —
Metallic, bbls., works.....lb. .02½- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12¾- —
2, bbls., same basis....lb. .11¾- —
3, bbls., same basis....lb. .10¾- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¾- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05¼- —
raw, American, bbls., works. lb. .02¾- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10⅞- —
3, bbls., same basis....lb. .10¾- —
4, bbls., same basis....lb. .09¼- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .07½- —
8, bbls., same basis....lb. .07 - —
9, bbls., same basis....lb. .06½- —
10, bbls., same basis....lb. .05¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls, works.lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle..lb. .04⅝- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05½- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz. cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .58 - .60
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..ton. 7.50 - —
l.c.l., dlvd. E.....lb. .06¾- —
import., stands.....lb. .11¼- .12½
Butanes, comi., 16-32°, tanks, group 3...gal. .02¼- .03¼
Butternut bark, bls.....lb. .06 - .06½
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
Butyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol).
Aldehyde, dms., l.c.l. .....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .26 - —
Butyric, ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

Calcium nitrate, bgs., to fert. mfrs., ex-vessel..ton.20.10 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5 bgs., c.l.f. Atlantic ports, shipt. unit-ton. .76 - —
tribasic, precip., c.l., bbls., works..lb. .06¼- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works. ton.52.00 - —
l.c.l. works.....ton.56.00 - -
83/85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works. 100 lbs..lb. .55 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .43 - .45
Calomel, bbls., fib., dms., kgs., lb. 1.59 - 1.60
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .80 - .81
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06 - .06½
Morocco, bgs.....lb. .06½ Nom.
Turkish, bgs.....lb. .06¼- .06¾
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .65 - .70
powd., bxs.....lb. .90 - .95
Russian, cs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.60 - 1.65
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07½- .07¾
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .80 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
Carbazole, 98.5-99%, dms., ton lots, works..lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .53 - —
l.c.l., works.....lb. .54 - —
tanks works .....lb. .47 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis. lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04¼- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
Carbon tetrachloride, tanks, same basis..lb. .05 - —
Fire extinguisher liquid. 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.60 - 1.90
decorticated cs.....lb. 1.45 - 1.55
green, bgs.....lb. .95 - 1.00
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12½- .13½
Case-hardening mixture, 45%, gran., dms., l.c.l..lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, com., 20-30 mesh, bgs, c.l., dlvd..lb. .13 - .14
5 tons, works.....lb. .14½- —
smaller lots, works.....lb. .15 - —
80-100 mesh, bgs., c.l., dlvd., lb. .13½- .14½
5 tons, works.....lb. .15 - —
smaller lots, works.....lb. .15½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .18 - —
80-100 mesh, bgs., c.l., duty pd..lb. .18½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .17 - .18
Cassia, Batavia, 1, bgs.....lb. .14¾- .15
3, bls.....lb. .07¼- .07¾
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra bls.....lb. .04¼- .04½
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .13¼- .13½
Cassia fistula, bskts.....lb. .11 - .12
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, com., 5½% ammon., bgs., c.i., works..ton.25.00 - —
import, bgs., c.i.f.,ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .18 - .18½
Indian, bgs.....lb. .15¾- .15¾
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
10± lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y..bbl. 6.50 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .21
Roman, bls.....lb. .26 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd., Colo..ton.27.00 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works...ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bge., c.l., works, ton.12.00 - —
Import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.. .....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs .....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .05¾- —
l.c.l., dlvd., N.Y. .....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2. works, frt. equald... 100 lbs. 2.55 - —
1. works, frt. equald.. 100 lbs. 3.00 - —
Chloroacetophenone,tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums. lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi., 185-lb. cyls. works, frt. equald..lb. .80 - —
5-lb. cyls., same basis.....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cr, bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .20 - .22
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .20 - .22
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns .....100 ozs..oz. .90 - —
sulphate, N.F., cns..100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP., boxes, 5 lbs. lb. 3.75 - —
bots, 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamon, Ceylon, 2 bls.....lb. .18 - .18½
3, bls.....lb. .17½- .18
Cinnamon, Ceylon, 2 bls.....lb. .18¼- .18¾
3, bls.....lb. .18 - .18½
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .17¼- .17½
Zanzibar, bls.....lb. .18¼- .18¾
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs , dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.50 - —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.60 - —
Linoleate, paste, 6%, dms...lb. .29 - —
solid, 8½%, bbls.....lb. .31 - —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.67 - —
Cobalt, resinate, fused, A, bbls.lb. .13 Nom.
1%, bbls.....lb. .12½ Nom.
2%, bbls.....lb. .13½- —
3¼%, bbls.....lb. .16½- —
precip., dms., dlvd.....lb. .31½- —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .19 - .20
Cocoa butter, lumps, bgs., c.l..lb. .17½- .18
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .50 - .55
Colombo root, bls.....lb. .75 Nom.
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19

Bronze Powd.—Diatom. Earth

Copaiba, Balsam, Para, cns....lb. .36 - .38
S.A., USP, cns.....lb. .38 - .40
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .18 - —
18-20%, bbls.....lb. .10½- .12¼
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .14 - —
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, precip., bbls.....lb. .20 - —
Copper oxide, black, bbls., tons, works..lb. No prices
smaller lots, works.....lb. No prices
red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. No prices
l.c.l., f.o.b. N. Y....lb. No prices
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0340 Nom.
Coriander seed, Morocco, bgs..lb. .05 - .05½
bleached, bgs.....lb. .07 - .07½
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 4.34 - —
ex whse.....100 lbs. 4.44 - —
Syrup, 42°, bbls., c.l.....100 lbs. 4.36 - —
43°, bbls., c.l.....100 lbs. 4.41 - —
Cornsilk, bls.....lb. .07½- .08
Corrosive sublimate, cryst., dms., lb. 1.37 - 1.38
gran., powd., dms.....lb. 1.22 - 1.23
Cottonroot bark, bls.....lb. .10½- .11
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.60
Cramp bark, genuine, bls.....lb. .19 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, gran., or powd., bbls., 5,000 lbs., one shipm't, lb. .17¾- —
Cream of tartar, gran., or powd., smaller lots, bbls.....lb. .18¼- —
kgs. .....lb. .18¾- —
Creosote, wood, beech., bots..lb. .70 - .75
hard, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13 - .13¼
Coaltar solution, tanks, works gal. .113 - .128
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equalled., with Newark, Balto., and West Coast. lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
4% rotenone prices, 5c. per lb. less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .30 - .31
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs...lb. .09 - .09½
Indian, bgs.....lb. .08¾Nom.
Morocco, bgs.....lb. .09¼- .09⅝
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

C

Cadmium bromide, bots., jars.lb. 1.61 - 1.80
Iodide, bots.....lb. 3.77 - 3.82
jars .....lb. 3.65 - —
Lithopone (see Yellow).
Cadmium metal, cs.....lb. 1.20 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow)
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lb. dms. 10,000 lbs., or more. lb. 2.06 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.18 - —
100 lbs.....lb. 2.28 - —
25 lbs.....lb. 2.40 - —
10-lb. cns., 10,000 lbs., or more. lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5 lb. cns., 25 lbs., or more. lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd..... 100 lbs. 2.25 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾ —
l.c.l., dealers.....lb. .07¼- —
southern cotton state, dealers, dms., c.l..lb. .06½- —
lb. .06¾- —
l.c.l., dealers.....lb. .07 - —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar.....lb. .70 - .75
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-88% bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000 lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP, bbls., 200 lbs.lb. .25 - —

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .25 - .30
July del'vy., bls.....lb. .15 - —
Degras, common, dom., bbls...lb. .08¼Nom.
English, bbls.....lb. .08¼Nom.
neutral, dom., bbls.....lb. .12¾Nom.
English, bbls.....lb. .12¾Nom.
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., or Balto., frt. prepaid to West Coast ports..lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .38½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
1 bbl., same basis....lb. .44 - —
less than 200 lbs., same basis. lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less.
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 5.15 - —
l.c.l., f.o.b. Chicago..100 lbs. 5.25 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 5.00 - —
Dextrin, corn, white, bgs., c.l., f.o.b. Chicago..100 lbs. 4.85 - —
l.c.l., f.o.b. Chicago..100 lbs. 5.05 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 - Nom.
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .80 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —

Dibutyl Phthalate—Ether

Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, comi., dms.lb. .31½- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Diethylanilin, dms... .....lb. .50 - —
Diethyleneglycol, dms., c.l.,works, lb. .21 - —
l.c.l., works.....lb. .22 - .23
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l.,works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .27 - .30
Digylcol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .06¾- .07¼
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .16½- .17¼
Dinitronaphtiralene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotolueiguanidin, dms, 2,000 lbs. or over, divd..lb. .44 - —
600-1,950 lbs., divd.....lb. .46 - —
150-450 lbs., divd.....lb. .47 - —
Dip oil (see Tai acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, divd..lb. .35 - —
600-1,950 lbs., divd.....lb. .36 - —
150-450 lbs., divd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vis.....oz.34.50 -35.00

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .61 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B—.....lb. .60 - .65
289 Fast cyanin 5R.....lb. .90 - 1.00
.....lb. .60 - .65

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
584 Direct black EW.....lb. .25 - .50
592 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L.....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80

Dyes, coaltar, for stains (numbers are those of the Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
241 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
87 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 2.00 - —

Dyes, coaltar, for stains (numbers are those of the Colour Index scale):—
Violet:—
680 Methyl violet.....lb. 1.00 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G..lb. .52 - —
232 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —

Dyes, coaltar, for stains (numbers are those of the Colour Index scale):—
Red:—
31 Amidonaphthol red G, lb. .42 - —
67 Amidonaphthol red 6B, lb. .68 - —
79 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchain .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .86 - —
Yellow:—
10 Naphthol yellow S..lb. .86 - —
138 Metanil yellow .....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .30 - .35
Egg albumen (ace Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .50 - .67
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs. .....lb. .18 - .19
select, bndls., cs.....lb. .45 Nom.
July del'vy, cs.....lb. .25 - —
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls. .....lb. .06 - .07
Ephedrine, tins, 100 ozs. .....oz. 1.00 - —
Hydrochloride, tins, 100 ozs.oz. 1.00 - —
Sulphate, cryst..tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
bbls., c.l. .....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.80 - 1.85
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —

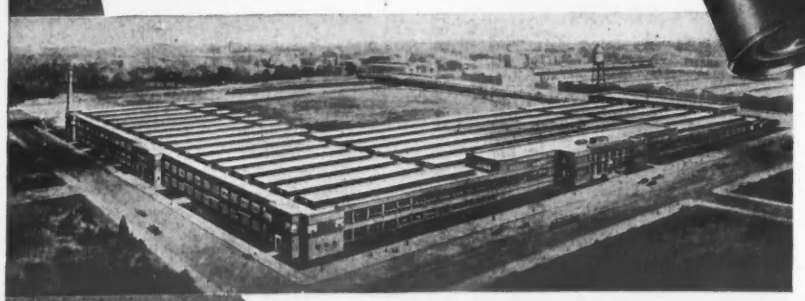
DARING TO BE DIFFERENT....

HISTORY tells us that many great men were criticized and even ridiculed before they won acclaim. Such is the price of daring to be different.

There has been much comment on the activities of this company because in the field of can manufacturing it, too, has dared to be different. Yet it is a fact that Crown Can is in a unique position to serve its customers on a particularly favorable basis. And among users of cans there is a growing realization that its purpose and policy is one of helpful cooperation.

Perhaps you would like to know in just what way Crown Service is different. A Crown Can Representative will gladly explain without obligating you in any way.

Crown Cans



Packers Cans for 1937 sold f. o. b. Philadelphia, Baltimore, St. Louis, Houston and other selected points.

CROWN CAN COMPANY • PHILADELPHIA, PA.

Independent and Helpful

DIVISION OF CROWN CORK & SEAL COMPANY

Ether, ethyl (see Ether, sulphuric)
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works..lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms..lb. .39 - .40
washed, dms..lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld..lb. .08 - —
tanks, frt. alld..lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld..lb. .09 - —
tanks, frt. alld..lb. .07½- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works..lb. .28 - —
Bromide, tech., dms..lb. .50 - .55
Cauroate, cns..lb. 1.00 - —
Chloride, dms..lb. .22 - .24
Cinnamate, cns..lb. 3.40 - 4.25
Crotonate, dms., works..lb. 1.00 - 1.25
Formate, dms..lb. .27 - .28
Iodide, bots..lb. 5.35 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works..lb. .36 - —
Oxalate, dms..lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works..lb. 1.05 - —
smaller lots, works..lb. 1.15 - —
Ethylene bromide, dms..lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks works .....lb. .17 - —
Ethylidinanilin, dms .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07¼- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .60 - .70
Eucalyptus leaves, bls.....lb. .09 - .10
Eugenol, bgs., cns.....lb. 2.10 - 2.55
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton. 14.00 -15.00
glass, 20 mesh, bulk, works.ton. 11.00 -12.25
pottery, bulk, Me. works...ton. 17.00 -19.00
N.C. works.....ton. 17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
India, bags .....lb. .07¼- .07⅞
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04½- .04½
Ferric sulphate, dms., works.ton. 35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12¼- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, lc. lb. lower.
Fir balsam, Canada, cns.....gal. 3.75 -13.00
Oregon, bbls.....gal. 1.60 - 1.70
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 4.00 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton. No prices.
wet, acidulated, 6-7% ammon., 3-4% phosphor, acid, bulk, E. Cst. factories, contracts..unit-ton. 3.10 & .50 Nom.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f., ports, June-Aug. shipt..ton. 50.00 - —
nearby arrival....ton. 52.00 - —
Flake white, bbls., kgs.....lb. .08¾- .09
Flaxseed, French, black, bgs..lb. .10¾- .11
Indian, blonde, bgs.....lb. .10 - .11
Fluorspar, enamel, 96-98%, bgs., ton. No prices.
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines, ton. 20.00 -21.50
import, bulk, Atlantic ports, duty-paid..ton. No prices.
f.o.b. Ill., Ky., mines...ton. 21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton. 10.00 - —
import., bgs., c.l., ex dock.ton. 23.00 - —
l.c.l., ex whse.....ton. 30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .26
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks works .....lb. .09 - —
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09½- .13
solid, dms.....lb. .17½- .19½

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G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bgs.....lb. .10¼- —
Gambier extract, bbls.....lb. .08½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07½- —
above 65 octane, tanks.gal. .08 - —
California, 54-58, tanks...gal. .07½- —
Gulf Coast, US motor, bulk, gal. .05⅞- .06
60-62, 390 e.p., bulk, export, gal. .06⅛- .06¼
60-62, 400 e.p., bulk, export, gal. .06 - .06⅛
64-66, 375 e.p., bulk, export, gal. .06¼- .06⅜
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05⅝- .06
63-67 octane, tanks....gal. .06⅛- .06⅝
68-70 octane, tanks....gal. .06⅝- .06⅞
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04⅜- .05⅜
63-67 octane, tanks....gal. .05¼- .05⅝
68-70 octane, tanks....gal. .05⅞- .06⅛
60-62, 400 e.p., tanks....gal. .04⅜- .05⅜
64-66, 375 e.p., tanks....gal. .05 - .05⅛
natural, 12-lb. vapor pres., tanks..gal. .05⅛- .05½
14-lb. v.p., tanks.....gal. .05 - —
18-lb. v.p., tanks.....gal. .04⅝- .04½
22-lb. v.p., tanks.....gal. .03⅞- .04
26-70-lb., v.p., tanks..gal. .03⅝- —
Pennsylvania, US motor, below 60 octane, tanks..gal. .05¼- —
60 octane, tanks.....gal. .06⅜- —
52-54, 450 e.p., naphtha, tanks..gal. .04⅞- —
54-56, 400 e.p., strt, run, tanks..gal. .05¼- —
Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .15 - .16
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .19
Geraniol, cns., dms.....lb. .75 - 3.00
Geranyl acetate, bots., dms...lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .15¼- .15½
Cochin, lemon, bgs.....lb. .15 - .15¾
Jamaica, bold, bgs.....lb. .18 - .18½
grinding, bright, bgs....lb. .15 - .15¾
medium, bold, bgs.....lb. .15¼- .15½
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 4.00 - 5.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58, bgs., c.l., dlvd....lb. .14¾- —
l.c.l., dlvd.....lb. .15 - —
58/82, bgs., c.l., dlvd....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
82/108, bgs., c.l., dlvd....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Midwest..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
60/164.bgs..c.l.,same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192.bgs..c.l..same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251.bgs..c.l.,same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/283.bgs..c.l.,same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; fill mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .23½- .24
dms., extra, c.l.....lb. .21½- —
l.c.l. .....lb. .22 - —
dynamite, dms., extra, c.l....lb. .21½- —
l.c.l. .....lb. .22 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .15½- .16
soapiye, basis 80%, dms., returnable, dlvd..lb. .14 - .14½
yellow, distilled, dms., extra, cl. lb. .23⅜- —
l.c.l. .....lb. .23⅝- —
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms.....lb. .27½- —
Gold, U. S. purchase price....oz. 35.00 - —
Chloride, acid brown, bots..oz. 20.75 -21.00
yellow, bots.....oz. 18.75 -19.00
Gold-soda chloride, photo., bots. oz. 13.00 - —
USP IX, bots.....oz. 14.50 -14.75
Gold of pleasure seed, bgs....lb. .18 - .18½
Golden seal root, bls.....lb. 3.25 - 3.40
powd., bxs.....lb. 3.40 - 3.45
Grains of paradise, bgs.....lb. .20 - .25
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04¼- —
Grease, house, trcs.....lb. .08 - .08¼
white, trcs.....lb. .08⅜- .09¼
yellow, trcs.....lb. .08 - .08¼
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Green, chrome, reduced, C.P. color content up to 5%, bbls., same basis.lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¾- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
chrome oxide, dom., pure..bbl. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P\
Verdigris (see V\
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib., dms., 25 lbs.lb. 2.20 - —
kgs, 100 lbs.....lb. 2.15 - —
Guarana, powd., cs.....lb. .75 - .80
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. .85 - .90
Gum, arabic, amber sorts, cleaned, bgs..lb. .14½- .15
white, sorts, 1, bgs.....lb. .29 - .30
2, bgs .....lb. .27 - .28
powd., bbls.....lb. .17 - .19
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs.....lb. .16 - .17
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .46 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .30½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .20 - —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .16 - —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13½- —
9, medium light amber bold, bgs., c.l., same basis..lb. .10¼- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .10⅝- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .06¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .07⅝- —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¾- —
17, pale fingers, bgs., c.l., same basis..lb. .19 - —
18, pale straw nubs, bgs., c.l., same basis..lb. .12⅝- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .08½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .09⅝- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07½- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¾- —
27, pale small chips, bgs., c.l., same basis..lb. .06½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05¼- —
East India, Bata, bold scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03⅝- —
dust, bgs., c.l., same basis..lb. .03⅝- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06⅞- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06⅛- —
dust.,bgs.,c.l.,same basis, lb. .03⅝- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15⅝- —
chips, bgs., c.l.,same basis, lb. .04¾- —
dust,bgs.,c.l.,same basis.lb. .03⅝- —
nubs,bgs.,c.l.,same basis.lb. .10⅝- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis..lb. .10½- —
B,bskts..c.l., same basis.lb. .09¾- —
C,bskts..c.l., same basis.lb. .09⅝- —
CNE, bskts., c.l., same basis..lb. .07⅝- —
D, bskts., c.l., same basis, lb. .08¾- —
DK, bskts.,c.l., same basis, lb. .07⅝- —
DU, bskts., c.l.,same basis, lb. .08¾- —
dust,bskts.,c.l., same basis, lb. .06¼- —

Ether—Heptane

Gum, copal,Manila, Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06½- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB,bskts.,c.l.,same basis, lb. .08¾- —
MA, bskts., c.l.,same basis, lb. .07¼- —
MB, bskts.,c.l.,same basis, lb. .06¾- —
WS, bskts.,c.l.,same basis, lb. .08¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis...lb. .08½- —
chips, pale, bskts., c.l., same basis..lb. .09¾- —
small, bskts., c.l., same basis..lb. .08½- —
extra pale sorts, bskts., c.l., same basis..lb. .09¼- —
nubs,bskts.,c.l., same basis.. lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .07½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l.,same basis lb. .14 - —
chips,bgs,c.l., same basis.lb. .10¼- —
nubs, bgs.,c.l., same basis.lb. .12¾- —
split,bgs.,c.l., same basis.lb. .15¼- —
Dammar, Batavia A, cs., c.l., A/D, cs., c.l., same basis.lb. .18½- —
A/E, cs., c.l., same basis.lb. .15¼- —
B, cs., c.l., same basis...lb. .22¼- —
C, cs., c.l., same basis...lb. .18½- —
D, cs., c.l., same basis...lb. .15¼- —
dust, cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .08½- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore, 1, cs, c.l., same basis..lb. .20¾- —
2, cs., c.l., same basis....lb. .15¾- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .12 - —
dust, cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .09¼- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .10¾- —
c.l., single shipment, dlvd. lb. .10¾- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .11 - —
smaller lots, dlvd.....lb. .11¼- —
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs. .....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin),
Karaya XXX, bbls., bxs., dms. lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .26 - —
B3, cs., c.l., same basis..lb. .18½- —
50% chips, cs., c.l., same basis..lb. .14¾- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins .....lb. 1.60 - 1.70
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, cs.....lb. .07½- .18
tears, cs. .....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .27 - .29
sorts, bgs .....lb. .14 - .15
Talha, bgs.....lb. .07½- .08
Thus, bbls.....280 lbs. 13.75 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 @ 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .08¼- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 21.15- —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
plaster of parts, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton. 12.50 - —
Blue Rapids, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton. 12.00 - —
import., bgs., ex dock....ton. 27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.80 - 2.90
Hellebore, white, root, powd., bbls. lb. .12 - .18
Helonias root, bls.....lb. .60 - .65
Hematine crystals, bbls.....lb. .18 - .34
Hemlock extract, 25% tan., bbls. lb. .0[illegible] - .[illegible]4
Hempseed, Manchur, bgs.....lb. .05 - .05½
Henbane leaves, bls.....lb. .19 - .20
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .14 - —
tanks, Group 3.....gal. .08½- —

Heptane—Lead, Red

Heptane, normal, 86-100°C., dms., c.l., Group 3	gal.	.13	—
l.c.l., Group 3	gal.	.17	—
tanks, Group 3	gal.	.10½	—
Hexalin, dms	lb.	.30	—
Hexane, normal, 60-70° C., dms., c.l., Group 3	gal.	.13	—
l.c.l., Group 3	gal.	.17	—
tanks, Group 3	gal.	.10½	—
laboratory grade, dms., c.l., Group 3	gal.	.16	—
l.c.l., Group 3	gal.	.25	—
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C.	lb.	.35	—
150 to 1,350 lbs. shipments, same basis	lb.	.36	—
Hexamethylenetetramine, USP, dms., 500 lbs. or more, shipments, same basis.	lb.	.46	—
100 to 400 lbs. shipments, same basis	lb.	.47	—
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.13	—
l.c.l., same terms	lb.	.13½	—
tanks, same terms	lb.	.12	—
Homatropine hydrobromide, bots., 50 ozs.	oz.	13.00	—
25 ozs.	oz.	13.50	—
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago...unit-ton		3.50	—
Hops, dom., 1936 crop, bls.	lb.	.46	.81
import., 1936 crop, bls.	lb.	.55	.70
Horehound, bls.	lb.	.07	.08
Hydrangea root, bls.	lb.	.08	.09
Hydrastine, bots., 4 ozs.	oz.	17.25	—
cns., 16 ozs.	oz.	17.00	—
Hydrochloride, bots., 4 ozs.	oz.	17.25	—
cns., 16 ozs.	oz.	17.00	—
Sulphate, bots., 4 ozs.	oz.	19.25	—
cns., 16 ozs.	oz.	19.00	—
Hydrastis (see Golden seal).			
Hydrofuramide, dms., 100 lbs. or more, works	lb.	.30	—
fib. ctns., works	lb.	.40	—
Hydrogen, peroxide, USP, bbls.	lb.	.03¾	.04
100 vols., cbys., E. of Miss. R.	lb.	.20	—
W. of Miss. R.	lb.	.21	—
Hydroquinone, dealers, bbls., dms.	lb.	.90	.94
Hyoscine hydrobromide, bots.	oz.	18.00	19.00
Hyoscyamine, bots.	oz.	15.00	—
Hydrobromide, bots.	oz.	15.00	—
Sulphate, bots.	oz.	15.00	—
Hypernic, liq., 51°, bbls.	lb.	.16	.21
solid, bxs.	lb.	.18½	.20½

I

Iceland moss, bls.	lb.	.13	.14
Ichthyol, bots.	lb.	4.00	4.25
Indian red (see Red, Indian).			
Indigo, nat., Bengal, bbls.	lb.	2.40	—
synth., liq., bbls.	lb.	.16½	.19
powd., bbls.	lb.	.74½	.85
Indol, CP, bots.	lb.	34.00	36.00
Insect flowers (see Pyrethrum).			
Iodine, crude, jars, 25 lbs.	lb.	1.15	—
kgs. 150 lbs.	lb.	.90	—
resubl., bots., 5 lbs.	lb.	1.60	—
jars, 50 lbs.	lb.	1.50	—
tincture, USP, bbls., 47 gals.,	gal.	1.65	—
cbys., 5 gals.	gal.	1.75	—
mild, bbls., 47 gals.	gal.	.90	—
cbys., 5 gals.	gal.	1.00	—
Iodoform., dms., 100 lbs.	lb.	3.75	—
jrs., 25 lbs.	lb.	3.85	—
Ionone, bots.	lb.	1.30	4.65
Ipecac root, bgs.	lb.	1.35	1.40
powd., bxs.	lb.	1.50	1.55
Irish moss, ordinary, bls.	lb.	.11	.12
powd., 80-90 mesh, bbls.	lb.	.24	.32
prime, bleached, bls.	lb.	.19	.20
Iron acetate, N. F., IV, cbys., 100 lbs.	lb.	.15	—
IV, dms., 50 lbs.	lb.	.16	—
Chloride, tech., cryst., bbls., kgs.	lb.	.05	.06
USP, cryst., bbls., 500 lbs.	lb.	.07½	—
kgs., 100 lbs.	lb.	.08½	—
solut., USP, cbys., 130 lbs., lb.		.06½	—
djns., 50 lbs.	lb.	.16	—
Citrate, USP VIII, pearls, cns. lb.		.72	.75
powd., cns.	lb.	.84	.87
scales, cns.	lb.	.77	.80
Glycerophosphate, bbls., kgs., 1,000 lb. lots	lb.	2.87	—
smaller lots	lb.	2.97	—
cns., 25 lbs.	lb.	3.09	—
Hypophosphite, cns.	lb.	1.55	1.60
Iodide, bots.	lb.	2.85	3.00
syrup, djns.	lb.	.37	.38
bots.	lb.	.52	—
Nitrate, coml., kgs.	lb.	.02½	.08
Oxalate, powd., kgs.	lb.	.47	—
cns.	lb.	.52	—
scales, cns.	lb.	.83	.85
Oxide (see Black, Red, etc)			
Phosphate, ferric, pearls, cns., 50 lbs.	lb.	.54	—
25 lbs.	lb.	.57	—
scales, cns., 50 lbs.	lb.	.59	—
25 lbs.	lb.	.62	—
Ferrous, bbls., 200 lbs.	lb.	.35	—
bxs., 25 lbs.	lb.	.40	—
kgs., 100 lbs.	lb.	.37	—
Pyrophosphate, pearls, cns.	lb.	.59	.62
scales, cns.	lb.	.64	.67
Reduced, 90%, cs.	lb.	.60	.65
Sulphate, tech. (see Copperas)			
USP, cryst., bbls., 275 lbs., lb.		.04½	—
dms., 100 lbs.	lb.	.06½	—
Iron-ammonia citrate, brown, gran., cns.	lb.	.37	.40
pearls, cns.	lb.	.37	.40
scales, cns.	lb.	.47	.50
Iron-ammonia citrate, green, gran., cns.	lb.	.37	.40
pearls, cns.	lb.	.47	.50
scales, cns.	lb.	.47	.50
Oxalate, bxs.	lb.	.31	—
fib., dms.	lb.	.24½	—
kgs.	lb.	.26½	—
Iron-potash oxalate, bbls.	lb.	.42	—
kgs.	lb.	.44	—
jars	lb.	.48	—
Iron-soda oxalate, bxs.	lb.	.31	—
nb., dms.	lb.	.24½	—
kgs.	lb.	.26½	—
Isobutyl carbinol (see Carbinol).			
Isopentane, dms., works	lb.	.48	—
small lots, works	lb.	.58	—
Isopropanol, see Alcohol, isopropyl.			
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.07½	—
l.c.l., same terms	lb.	.08	—
tanks, same terms	lb.	.06½	—
Alcohol (see Alcohol).			
Ether, dms., c.l., works, frt. alld. E. of Miss R.	lb.	.07	—
l.c.l.	lb.	.08	—
tanks	lb.	.06	—

J

Jaborandi leaves, bls.	lb.	.10	.11
Jalap root, NF, bls.	lb.	.17	.19
powd., bbls., bxs.	lb.	.21	.23
Juniper berries, bgs.	lb.	.05½	.06

K

Kamala, tins	lb.	.36	.37
Kava kava root, bls.	lb.	.17	.19
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks.	gal.	.05½	.05¾
Gulf ports, p.w., bulk, export.	gal.	.04¾	—
w.w., bulk, export	gal.	.05	—
Louisiana - Arkansas, 41-43 w.w., bulk.	gal.	.04¼	.04½
Oklahoma-Texas, 41-43 w.w., tanks.	gal.	.04½	.04¼
42-44 w.w., tanks.	gal.	.04¼	.04⅜
Pennsylvania, 45 w.w., tanks,	gal.	.04⅞	—
46 w.w., tanks.	gal.	.05	—
47 w.w., tanks.	gal.	.05½	—
Kerosene, tankwagon:—			
Atlanta	gal.	.13	—
Boston	gal.	.07½	—
Chicago	gal.	.101	—
Cincinnati	gal.	.135	—
Denver	gal.	.11½	—
Louisville	gal.	.10½	—
Minneapolis	gal.	.10½	—
New Orleans	gal.	.14	—
New York	gal.	.07½	—
San Francisco	gal.	.115	—
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.11	.12

L

Lady slipper root, bls.	lb.	.42	.45
Lanolin (see Adeps lanae).			
Lard, city, tubs	100 lbs.	12.00	12.25
Middlewestern, trcs.	100 lbs.	11.75	11.85
Neutral, trcs.	100 lbs.	12.75	13.00
Western, choice, trcs.	100 lbs.	11.85	11.95
Compound, trcs.	100 lbs.	13.00	13.25
Larkspur seed, bgs.	lb.	.28	.30
Laurel berries, bls.	lb.	.09	.10
Leaves, Ital., bls.	lb.	.04¾	.05¼
Lavender flowers, ordinary, bls.	lb.	.40	.42
select, bls.	lb.	.55	.60
Lead acetate, white, broken, bbls.	lb.	.13½	—
cryst., bbls.	lb.	.13½	—
gran., bbls	lb.	.14¼	—
powd., bbls.	lb.	.14¾	—
Arsenate, dms., dealers, E. of Rockies.	lb.	.11½	—
W. of Rockies.	lb.	.11½	—
1,000 lbs. or more, dealers dms., E. of Rockies.	lb.	.12	—
W. of Rockies.	lb.	.11¾	—
less than 1,000 lbs., dealers, E. of Rockies.	lb.	.12½	—
W. of Rockies.	lb.	.12½	—

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic, sulphate, bbls., c.l., dlvd., E.	lb.	.07	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07½	—
l.c.l., dlvd., E.	lb.	.07¼	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.07⅞	—
Carbonate (see Lead, white)			
Chloride, pure, bots., 5 lbs.	lb.	.62	—
fib. dms., 25 lbs.	lb.	.49	—
Iodide, N. F., V., powd., bots., 5 lbs.	lb.	2.52	—
jars	lb.	2.40	—
Linoleate, pale, precip., dms.,	lb.	.19	—
Metal (see daily quotations in market report)			
Metallic, paste, 200-lb. cont., f.o.b. works.	lb.	.20	—
5 lb. cont., f.o.b. works.	lb.	.23	—
Nitrate, bbls.	lb.	.11	.11¼
Oleate, bbls.	lb.	.18½	.20
Peroxide, cns., works	lb.	.46	.47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.0875	—
other points	lb.	.0950	—
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.09¼	—
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09⅝	—
Colo., Mont., N. Mex., Wyo.	lb.	.09⅝	—
other points	lb.	.09	—
smaller lots, dlvd., Ala., etc.	lb.	.09¾	—
Ariz., etc.	lb.	.10¼	—
Colo., etc.	lb.	.10	—
other points	lb.	.09½	—
97%, Pb_3O_4, bbls., c.l., (20 tons) dlvd., Ala., etc.	lb.	.09	—
other points	lb.	.0875	—

WITCO'S CHICAGO OFFICE *Moves* to the TRIBUNE TOWER

The steady increase of Witco's business in the Chicago district has necessitated our moving to larger, better and more convenient quarters. Looking ahead and planning greater and more efficient service than ever before, we have chosen Chicago's most famous building—the Tribune Tower. Here, in the Loop, convenient to all of Chicago's railroad terminals and easily reached from any part of the city, we are prepared to meet increasing demands with better facilities and more spacious offices.

We cordially invite you to call on us in our new quarters.

WISHNICK-TUMPEER, INC.

MANUFACTURERS AND IMPORTERS

NEW YORK, 295 MADISON AVENUE BOSTON, 141 MILK STREET
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WITCO LTD., BUSH HOUSE, LONDON, W. C. 2, ENGLAND

WITCO AFFILIATES: WITCO OIL AND GAS COMPANY, THE PIONEER ASPHALT CO., PANHANDLE CARBON CO.

BUY DIRECT AND PROFIT DIRECTLY

Lead, red, dry 97% Pb_3O_4, bbls., l.c.l., 5 tons, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc. .....lb. .10 - —
Colo., etc. .....lb. .09¾- —
other points.....lb. .09¾- —
smaller lots, dlvd., Ala., etc..lb. .10 - —
Ariz. .....lb. .10¼- —
Colo. .....lb. .10¾- —
other points.....lb. .09¾- —
95%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .0925- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09¾- —
Ariz., etc. .....lb. .10¼- —
Colo., etc. .....lb. .10 - —
other points ....lb. .09¼- —
smaller lots, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc. .....lb. .10¾- —
Colo., etc. .....lb. .10½- —
other points ....lb. .10 - —
in oil, steel kegs, 1,000 lbs..lb. .11¾- —
500 lbs.....lb. .12 - —
smaller lots.....lb. .12¼- —
Resinate, fused, 16%, bbls.....lb. .09½- —
pale, bbls. .....lb. .11¾- —
precip., bbls. .....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .12 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .12¼- —
smaller lots.....lb. .12½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- —
other points .....lb. .07¼- —
l.c.l. dlvd. Ariz.,* etc..lb. .08 - —
other points .....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¾- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .11¾- —
500 lbs., dlvd.....lb. .12 - —
smaller lots, dlvd.....lb. .13 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls, bxs.....lb. .07 - .08
select, bndls., cs.....lb. .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio .....ton. 6.50 - —
Eagle Mountain, Va..ton. 6.25 - —
Easton, La. .....ton. 7.00 - —
Farnams, Mass. ....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ...ton. 6.25 - —
Leroy, Minn. .....ton. 8.00 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala. .....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind .....ton. 6.50 - —
Newala, Ala. .....ton. 6.25 - —
Petosky, Mich. .....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Rippleмead, Va. ....ton. 6.25 - —
Riverton, Va. .....ton. 6.25 - —
Scioto, Ohio .....ton. 6.00 - —
Sheboygan, Wis. ....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo. ....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va. ....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex. .....ton.12.00 - —
Durbin, Ohio .....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La. .....ton. 9.00 - —
Farnams, Mass. ....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn....ton. 9.00 - —
Limedale, Ark. ....ton. 9.00 - —
Longview, Ala. ....ton. 9.00 - —
Louisville, Ky. ....ton.14.50 - —
Marble Cliff, Ohio..ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind. .....ton. 9.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Newala, Ala. .....ton. 9.00 - —
Pelham, Ala. .....ton. 9.00 - —
Petolsky, Mich. .....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Rippleмead, Va. ....ton. 8.00 - —
Riverton, Va. .....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10¼- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .16½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves, bls.lb. .16 - .17
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.26.50 - —
Meal, 32%, dom., bgs.....ton.35.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0775- —
Litharge, coml., powd., bbls., 20 tons, dlvd. other points..lb. .0750- —
other points.....lb. .0750- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .08⅜- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08⅜- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
Lithium bromide, jars, 25 lbs. lb. 1.70 - 1.75
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
fib dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.60
Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .05⅞- —
smaller lots, same basis.lb. .06⅛- —
bbls., 20 tons, same basis, lb. .06⅛- —
smaller lots, same basis..lb. .06⅜- —
ordinary, bgs., 20 tons, same basis..lb. .04⅝- —
smaller lots, same basis.lb. .04⅝- —
bbls., 20 tons, same basis, lb. .04⅝- —
smaller lots, same basis.lb. .04⅞- —
titanated, bgs., 20 tons, same basis..lb. .05⅞- —
smaller lots, same basis.lb. .06⅛- —
bbls., 20 tons, same basis, lb. .06⅜- —
smaller lots, same basis.lb. .06⅝- —
Liverwort leaves, bls.....lb. .18 - .20
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs.....lb. .15 - .19
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
Import, bls.....lb. .35 - .37
Lupulin N.F., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.40 - 1.45

M

Mace, Banda, cs.....lb. .58½- .59
Batavia, cs.....lb. .48 - .49
Slauw 1, cs.....lb. .55 - .56
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia, arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis, lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
Zone 2, bgs., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
bbls., c.l.....lb. .07 - —
l.c.l. .....lb. .07½- —
kgs., c.l.....lb. .08½- —
l.c.l. .....lb. .09 - —
USP, Zone 1, bbls., c.l....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
Zone 2, works, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
kgs., c.l.....lb. .09½- —
l.c.l. .....lb. .10 - —
Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including dlvd. store-door. Zone 2:—Balance of U.S.
Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined)
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .11 - .12
Manaca, root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .13 - .14
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .23
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs., c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.61 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs.....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls....lb. .19 - —
Manganese, ore, 50-52%, basis, bbls., c.l. Atl. ports.. unit-ton. .40 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08⅝
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07⅛
crvst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .08½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.50 -26.00
Manna, flake, large, cs.....lb. .35 - .36
small, cs.....lb. .20 - .21
Mannitol, pure, cryst., cs., works, lb. 1.48 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17¾- .18
Tunisan, bls. .....lb. .16¾- .17
Matico leaves, bls.....lb. .29 - .30
Menthol, U.S.P., natural, cs..lb. 3.20 - 3.30
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs.....lb. 3.25 - —
liquid, dms., 40 lbs.....lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .87 - —
25 lbs.....lb. .89 - —
50%, pails, 50 lbs.....lb. 1.26 - —
25 lbs.....lb. 1.28 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel)
Iodide, red, N.F., bots., 5 lbs., lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib. dms., 100 lbs.....lb. 3.55 - —
yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment)
Oxide red, N.F. (see Red precipitate)
Teeh. (Red. mercury oxide).
Yellow, dom., tech., bbl....lb. 1.59 - 1.60
USP, fib. dms.....lb. 2.01 - 2.03
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works...lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works .....lb. .21½- —
tanks, works .....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg.14.25 -14.75
3⅜x3⅞ in.....pkg.15.50 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5⅞ in. .....pkg.21.50 -22.00
3⅞x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroanilin, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .44 - —
tanks, frt. alld., E. of Rockies..gal. .38 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
96%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.
Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn.; R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl, acetone, nat., dms., c.l., contracts, Zone 1..gal. .42 - —
2. .....gal. .45 - —
3 .....gal. .46 - —
4 .....gal. .48 - —
l.c.l., Zone 1.....gal. .44½- —
2 .....gal. .51 - —
3 .....gal. .48½- —
4 .....gal. .64 - —
tanks, contracts, Zone 1.gal. .36 - —
2 .....gal. .38½- —
3 .....gal. .39½- —
4 .....gal. .40 - —
Methyl acetone, natural, prices are quoted for direct shipment from refinery, f.o.b. shipping point, freight allowed to destination. Barrel packing, 2½c. per gal. more, in all brackets. The sale zones are; Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn; R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
l.c.l., Zone 2, frt. alld. E. of Rockies..gal. .59½- —
3, Pacific Cst.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, ft. alld. E. of Rockies. gal. .49½- —
3, Pacific Coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Lead, Red—Naphtha

Methyl, alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.00
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs, cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .43
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots .....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts..lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene, blue, medicl., kgs 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol)
Methylpropyl ketone, dms.....lb. .20 - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers extra, c.l., same basis..ton.13.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.50.00 -60.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., frt. alld., E.lb. .04¾ - —
l.c.l., frt. alld., E....lb. .05 - —
water, bgs., c.l., frt. alld., E..lb. .04¼- —
l.c.l., frt. all., E.....lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .04¼- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05¼- —
rubber, bgs., c.l., frt. alld., E.lb. .03¼- —
l.c.l., 2,000 lbs., ft., alld., E..lb. .04- —
smaller lots, frt. alld., E..lb. .04½- —
wet-ground mica prices are ½c. per pound higher on Pacific coast.
Milk powder, skimmed, roller, bbls., c.l..lb. .08 - —
l c.l. .....lb. .09 - —
spray, bbls., c.l.....lb. .09 - —
l.c.l. .....lb. .10 - —
unskimmed, roller, bbls., c.l..lb. .17 - —
l.c.l. .....lb. .17½- —
spray, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
Millet seed, bgs.....lb. .03⅝- .03¾
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.50 - 2.75
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., dms .....lb. .27 - —
tanks .....lb. .25 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Mullein flowers, cns.....lb. .90 - .95
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05¾ Nom.
California, brown, bgs.....lb. .07¼- .08
yellow, bgs .....lb. No stocks
Chinese, yellow, bgs.....lb. .06¼-Nom.
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07¼- .08
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07 - .07½
Roumanian, yellow, bgs....lb. .05¾- .06¼
Myrobalans, Jl, bgs., shipt..ton.29.50 - —
J, bgs., shipt.....ton.20.75 - —
R2, bgs., shipt.....ton.20.25 - —
Extract, liquid, 2:1, bbls....lb. .04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).

Naphthalene—Oil, Lovage

Naphthalene, crude, dom., bgs., works..100 lbs. 2.25 - 2.35
import., 74-78% bgs., Atlantic ports..100 lbs. 2.25 - 2.35
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis..lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.) same basis..pkg. .06¾- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .29 - —
Nitrocellulose, ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works..lb. .22 - —
10,000 lbs.....lb. .25 - —
spot, bbls., works.....lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

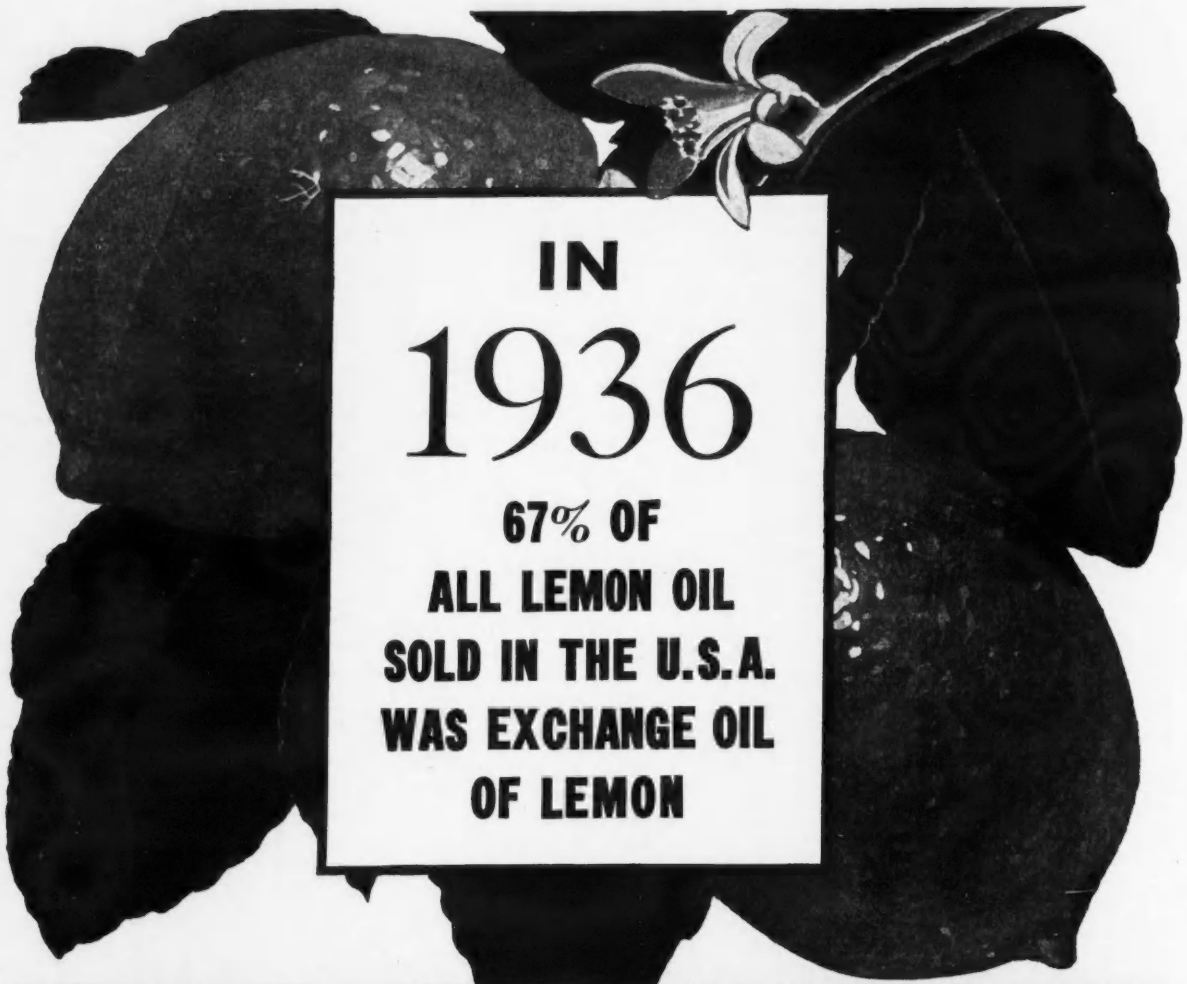
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports June..unit-ton. 1.04 Nom.
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis. unit-ton. 3.25 - —
Chemical, Ill...unit-ton. 3.15 - 3.25
East Coast producing points..unit-ton. 3.40 - 3.50
import., bgs., c.i.f. Atlantic ports, ship..unit-ton. 3.35 Nom.
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs.....lb. .17¾- .18¼
West Indian, bgs.....lb. .14½- .14¾
Nux vomica, bis.....lb. .06 - .07
powd., bbls., bxs.....lb. .06½- .07

O

Oakbark extract, 25% tan., bbls., c. l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .13 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .10½- —
Octyl acetate, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .85 - .90
Oil, amber, crude, cns.....lb. .16 - .17
refd., cns .....lb. .45 - .46
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb. 64.00 -75.00
Seed, bots.....lb. 70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .70 - .75
Apricot kernel, cns.....lb. .30 - .31
Babassu, tanks, futures.....lb. .08¾- .09
Bay, W. I., cns.....lb. 1.50 - 1.70
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.60 - 3.70
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectified, cns.....lb. .65 - .70
Bois de rose, Brazil, cans..lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .68 - .69
USP IX, cns.....lb. .71 - .88
Calamus, cns.....lb. 3.00 - 3.50
Camphor, sassafrassy, cns...lb. .22 - .23
dms. .....lb. .19 - .20
white, cns. .....lb. .21 - .22
dms. .....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.25
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb. 20.00 -38.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l. .....lb. .11¾- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
Oil, castor, No. 3, dms. (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —

Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y., l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08¼- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .80 - .85
dms. .....lb. .75 - .80
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb. 10.50 -12.50
Chaulmoogra, USP, cns, 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst., lb. .13 - .13¼
tanks .....lb. .1220 - .1230
Cinnamon, Ceylon, bots.....lb. 7.75 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .44 - .46
dms. .....lb. .42 - .44
Java, dms.....lb. .41 - .42
Clove, makers, USP, cns....lb. 1.27 - —
dms. .....lb. 1.25 - —
Coconut, Manila, crude, July forward, tanks.....lb. .05⅞- —
Pac. Cst.....lb. .05⅝- —
edible, 76°, tax incl., dms., (returnable), c.l...lb. .11¾- —
l.c.l. .....lb. .12¼- —
tanks .....lb. .11¼- —
Cod, Newfoundland, tanked, bbls..gal. .52 Nom.
Norwegian, shipt. bbls....gal. .41 - .43
Codliver, med., USP, Norwegian, bbls..bbl. 25.00 -27.00
for feed purposes, not USP, dms..gal. .50 - .65
Coriander, bots.....lb. 19.00 -20.00
Corn, crude, tanks, works..lb. .08½ Nom.
refd., bbls.....lb. .12 - .12½
Cottonseed, dom., cooking, bbls. lb. .11 - —
salad, bbls.....lb. .11½- —
Import., Brazilian semi-refd., dms..lb. .0640 Nom.
British, semi-refd., dms..lb. .07 Nom.
Cresote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb. 12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk.....bbl. 2.20 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (See D):—
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .46 - .54
dms. .....lb. .44 - .51
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tidewater..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana - Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.35 - 1.50
Tuesday .....bbl. 1.35 - 1.50
Wednesday .....bbl. 1.35 - 1.50
Thursday .....bbl. 1.35 - 1.50
Friday .....bbl. 1.35 - 1.50
Saturday .....bbl. 1.35 - 1.50
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test...bbl. 1.10 - 1.15
24-28, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04⅝- .04¼
Furnace, Bayonne, 1, bulk, refinery..gal. .04⅜- .05
2, bulk, same basis.....gal. .04½- .04⅝
3, bulk, same basis.....gal. .04½- .04⅝
4, bulk, same basis.....gal. .04¼- .04⅜
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅝- .03⅞
32-36 .....gal. .03½- .03⅝
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40 zero, 60 e.p.....gal. .03⅞- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04⅝- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02⅝- .03
Oklahoma, bulk.....gal. .02⅞- .03⅛
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.75 - 5.25
Bourbon, cns.....lb. 4.00 - 4.50
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Ginger, dist., bots.....lb. 8.00 - 8.50
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms.....
1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.25 - 1.75
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .50 nom.
cns. .....lb. .55 - —
Lard, common, 1, bbls.....lb. .12¼- —
2, bbls.....lb. .12 - —
extra, bbls.....lb. .13 - —
1, bbls.....lb. .12½- —
headlight, burning, bbls....lb. .14¼- —
prime, ed., bbls.....lb. .14⅝- —
ined., bbls.....lb. .14¼- —
winter, strained, extra bbls., lb. .13¾- —
prime, bbls.....lb. .13½- —
Lavandin, cns., 25 lbs.....lb. 2.70 - —
Lavender flower, French, USP, 50% ester, cns..lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns....lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns....lb. 2.65 - 2.75
VIII, 30% ester, cns....lb. 2.25 - 2.35
garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.60 - —
Messina, coppers, cns.....lb. 3.55 - 3.75
Lemongrass, native, cns., dms. lb. .50 - .52
Lime, dist., cns.....lb. 6.10 - 6.50
expressed, cans.....lb. 9.50 -10.25
Linaloe wood, cns .....
Linseed, boiled, bbls., c.l....lb. .1140- —
l.c.l., 5 or more.....lb. .1180- —
less than 5.....lb. .1220- .1240
tanks .....lb. .1080- —
double boiled, bbls., less than 5..lbs. .1240- .1260
raw, bbls., c.l.....lb. .1100- —
l.c.l., 5 or more.....lb. .1140- —
less than 5.....lb. .1180- —
tanks .....lb. .1040- —
Lovage, bots.....lb. 41.25 -72.00



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Oil, lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks...gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis..tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .22 - —
15-25 pour, tanks..gal. .21½- —
150-160 D, 0-10 pour tanks..gal. .24 - —
15-25 pour, tanks..gal. .23½- —
150-160 E, 15-25 pour, tanks..gal. .23 - —
190-200 D, 15-25 pour, tanks..gal. .27 - —
200-210 E, 15-25 pour, tanks..gal. .26 - —
neutrals, 0-10 pour, 150 vis., 3 color, tans..gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color, tanks..gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penna., bright, 600 cold test, 10-40 pour, tanks..gal. .29 - —
10-15 pour, tanks..gal. .30 - —
cylinder, 600 fire, tanks, gal. .21½- —
600 flash, tanks.....gal. .24 - —
630 flash, tanks.....gal. .28½- —
635 fire, tanks.....gal. .22 - —
650 fire, tanks.....gal. .23 - —
Warren, E, amber, tanks, gal. .23½- —
neutral, 150 vis...3 color, tanks..gal. .27 - —
180 vis.,3 color,tanks.gal. .31 - —
200 vis.,2 color,tanks.gal. .31½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .34 - —
unfiltered, 600 s.r., bbls., f.a.s.gal. .28 - —
600 flash, s.r., bbls., c.l., gal. .32½- —
650 s.r., bbls., c.l., f.a.s., gal. .29 - —
Warren, E. bbls., c.l.,f.a.s. gal. .31 - —
smaller lots, f.o.b..gal. .33½- —
Mace, dist., cns., dms.....lb. 1.40 - 1.42
Mandarin, superior, coppers..lb. 8.10 - 8.25
Menhaden, crude, tanks, f.o.b. Balto..gal. .45 Nom.
refd., alkali, dms.....lb. .1000- —
tanks .....lb. .0900- —
blown, dms.....lb. .0980- —
kettle-bodied, dms.....lb. .1100- —
light, pressed, dms.....lb. .0940- —
tanks .....lb. .0840- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., cns...lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .90 - .95
Neatsfoot, cold test, bbls....lb. .18¼- —
extra, bbls.....lb. .12¾- —
1, bbls.....lb. .12½- —
pure, bbls.....lb. .13½- —
special, bbls.....lb. .13¼- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.115.00 -140.00
Nutmeg, USP, cns., dms...lb. 1.40 - 1.42
Oiticica, dms.....lb. .11¼- .11½
futures .....lb. .11 Nom.
Oleo, 1, bbls.....lb. .13 - —
2, bbls.....lb. .12½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.50 Nom.
edible, bbls.....gal. 2.40 Nom.
foots, bbls.....lb. .11½Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cs.....lb. .90 - —
expressed, African, cns., dms..lb. 1.90 - 2.00
Calif., cns.....lb. 2.50 - —
Florida, cns.....lb. 2.50 - 2.65
Messina, USP, coppers..lb. 2.70 - 3.00
West India, cns.....lb. 2.25 - 2.30
Origanum, Spanish, cns....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong, bots..oz. 5.00 - 5.50
Palm, Niger, cks.....lb. .06 - —
shipment .....lb. .04¾- —
softs, 12%, bulk, shipt.....lb. .0490- —
20%, bulk, shipt.....lb. .0480- —
Sumatra, shipment, bulk...lb. .05 Nom.
Palmarosa, cns.....lb. 3.10 - 3.20
Palmkernel, bulk, shipt.....lb. .05¾- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots, cns.....lb. 5.00 - 8.50
Peanut, crude, dom., tanks, works..lb. .08¾Nom.
refd., edible,bbls.....lb. .13 Nom.
Pennyroyal, dom., cns.....lb. 1.55 - 1.60
import, cns.....lb. 1.40 - 1.45
Peppermint, natural, cns., dms. lb. 2.40 - 2.50
redist., USP, cns., dms....lb. 2.70 - 2.80
Perilla, dms.....lb. .11¼- .11½
tanks .....lb. .1060- .1080
Petitgrain, Paraguay, cns...lb. 1.10 - 1.25
Pimento berry, cns.....lb. 4.00 - 4.25
leaf, cns.....lb. 2.50 - 2.60
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal. .52 - .55
steam-dist., dms.....gal. .60 - —
tanks .....gal. .64 - —
Pineneedle, Siberian, cns....lb. .90 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14 - .14¼
denat., bbls.....gal. .93 - —
Red, dist. or saponif., bbls., dlvd..lb. .11¾- .12⅜
dms., dlvd.....lb. .11½- .12½
tanks, dlvd.....lb. .10¾- —
white, dms.....lb. .13½- .14½

Oil, rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .60 - .65
dms.....lb. .55 - .60
Rosin, 1st, rectfd., dms....gal. .58 - .60
2d rectfd., dms.....gal. .60 - .62
3d rectfd., dms.....gal. .64 - .66
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 5.25 - 5.30
Sardine, crude, tanks, Pac. Cst., gal. .52 Nom.
refd., alkali, dms.....lb. .1000- —
tanks .....lb. .0900- —
kettle-bodied, dms.....lb. .1100- —
light, pressed, dms.....lb. .0940- —
tanks .....lb. .0840- —
Sassafras, artif., cns.....lb. .41 - .42
dms.....lb. .39 - .40
natural, cns., dms.....lb. .90 - 1.06
Savin, cns .....lb. 1.50 - 1.60
Savory, cns .....lb. 3.15 - 3.20
Sesame, dom., refd., white, dms. lb. .12 Nom.
Shingle stain, bbls., c.l., works, gal. .18 - —
l.c.l., works.....gal. .14 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb.10.00 -11.00
Soybean, dom., crude, dms..lb. .1010- .1050
tanks .....lb. .0950- —
refd., dms.....lb. .1110- .1150
tanks .....lb. .1050- .1090
Spearmint, USP, cns.....lb. 1.90 - 2.00
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 3.60 - 3.75
South, cns .....lb. 1.65 - 2.00
Tallow, acidless, bbls.....lb. .12½- —
tanks .....lb. .12 - —
Tansy, cns.....lb. 3.50 - 3.75
Tar, commi., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, crude, dms.....lb. .09½- .09¾
refined, dms.....lb. .12½- .12¾
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .80 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T)
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb.12.00 -14.00
Vetiver, bots.....lb. 9.00 -16.50
Walnut, crude, dms.....lb. .13 Nom.
refd., dms. .....lb. .14 Nom.
Whale, refd., natural, dms..lb. .1050- .1070
winter, bleach, dms.....lb. .1090- .1110
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms.gal. .54 - .56
95-105 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .73½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- 87½
335-345 vis., dms.....gal. .87 - .89
Russian, 80-90 vis., dms. gal. .54- —
145-155 vis., dms.....gal. .74½- —
175-185 vis., dms.....gal. .76½- —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.80 - 2.90
Wormwood, cns.....lb. 3.00 - 3.25
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .11¾- —
Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Colo., Mont., N.M.,Wyo. lb. .12 - —
Other points .....lb. .11½- —
smaller lots, dlvd. Ala., etc..lb. .12¼- —
Ariz., etc. .....lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
Other points .....lb. .12 - —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Molybdate, bbls.....lb. .31 - —
Peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .10 - .11
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .35 - .40
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., dms., same basis...lb. .07 - —
100 lb. tins, same basis.lb. .08 - —
50 lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Othonitroaniliin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol,cns.lb. .70 - .75
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst.,bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.20 - 1.25
Paprika, Hungarian, extra fancy, bgs..lb. .20½- .20¾
medium, bgs.....lb. .20½- .21
Spanish, extra fancy, cs.....lb. .31 - .32
fair, bgs.....lb. .25 - .26
fancy, bgs.....lb. .29 - .30
medium, bgs.....lb. .27 - .27¼

Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-amylphenol, tertiary, dms., c.l.,works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kgs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0290- .0295
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0295- .03
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02⅝ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0465- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04¾- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .05 - —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0515- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s., N. Y..lb. .05¾- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .06 - —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03¼- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelhpia, or N. Y. C..lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .85 - .87
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .14 - .15
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .13 - .14
Pentane, norm., 28-38°, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .10 - .10½
Lampong, bgs.....lb. .05¾- .06
Tellicherry, bgs.....lb. .10½- .11
Red, birdseye, bgs.....lb. .14¾- .15¼
new crop.....lb. No stocks
Japanese 1, bgs.....lb. .12¾- .13¼
Mombassa, bgs.....lb. .17 - .17½
White, Java, Muntok, bgs...lb. .09½- .09¾
Singapore, Muntok, bgs...lb. .09¼- .09¾
Peppermint leaves, dom., bls..lb. .25 - .26
import, bls.....lb. .35 - .40
Peru balsam, dms.....lb. 1.05 - 1.10
Petrolatum, amber, bbls., c.l., lb. .02¾- .03
l.c.l. .....lb. .04 - .04¼
extra, bbls.....lb. .03½- .03¾
l.c.l. .....lb. .04¼- .04½
cream (see white, cream)
green (see red)
red, veterinary, bbls., c.l....lb. .02¾- .02¾
l.c.l. .....lb. .03¾- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l. .....lb. .06¾- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l. .....lb. .07¾- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08¾- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .93
Athens .....bbl. .84 - 1.66
Beiridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga .....bbl. .70 - .80
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.68
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbls. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.32
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.46
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .93
Playa del Rey, f.o.b. pipeline .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.00
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.06
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .90
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.35 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton .....bbl. 1.35 - —
East Texas.....bbl. 1.35 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull .....bbl. .95 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .95 - 1.41
Pettus .....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio .....bbl. .95 - 1.41
Saratoga .....bbl. .95 - 1.41
Saxet .....bbl. .90 - 1.41
Sour Lake .....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland .....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41

Oil, Lub.—Petrol. Naphtha

Petroleum, crude, bulk, at wells:—
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo .....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw .....bbl. .90 - 1.39
Cotton Valley.....bbl. .90 - 1.22
Darrow .....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.23
El Dorado.....bbl. .90 - 1.22
Haynesville .....bbl. .90 - 1.22
Homer .....bbl. .90 - 1.22
Iowa .....bbl. .90 - 1.30
Lockport .....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22
Pine Island.....bbl. .90 - 1.22
Rainbow .....bbl. .90 - 1.22
Rodessa .....bbl. .90 - 1.22
Smackover .....bbl. .90 - —
Tepetate .....bbl. 1.24 - —
Urania .....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. 1.05 - —
Tax, 13.866c. per bbl.
Tuxpan .....bbl. No Prices.
Tax, 22.625c. per bbl.
Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas ....bbl. .98 - 1.30
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ....bbl. 2.82 - —
Corning .....bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.37 - —
Eureka lines.....bbl. 2.52 - —
S.W. Penn lines....bbl. 2.57 - —
lower district in National Transit lines.bbl. 2.77 - 2.82
Rocky Mountain:—
Big Muddy .....bbl. 1.18 - 1.28
Cannon City-Florence.bbl. 1.10 - —
Cat Creek .....bbl. 1.40 - —
Dutton Creek .....bbl. 1.06 - 1.30
Elk Basin .....bbl. 1.30 - —
Fort Collins-Wellington... bbl. 1.01 - 1.25
Frannie, light .....bbl. .82 - —
Grass Creek .....bbl. 1.30 - —
Greybull .....bbl. 1.30 - —
Iles .....bbl. 1.12 - 1.18
Lance Creek .....bbl. .97 - —
Midway .....bbl. 1.06 - 1.30
Rock Creek .....bbl. 1.20½- —
Salt Creek .....bbl. 1.06 - 1.30
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .98 - 1.25
Cleveland-Liberty ....bbl. 1.27 - —
Conroe .....bbl. 1.20 - 1.44
Darst Creek .....bbl. 1.09 - —
Duval .....bbl. 1.00 - —
Hardin-Liberty .....bbl. 1.15 - —
Lulling .....bbl. 1.09 - —
Lytton Springs.....bbl. 1.12 - —
Mirando .....bbl. .90 - 1.36
Panola County .....bbl. .93 - 1.25
Salt Flat .....bbl. 1.09 - —
Tomball .....bbl. 1.20 - 1.44
Van .....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.03
Gray County .....bbl. .96 - 1.08
West Texas:—
Artesia, N. M. .....bbl. .90 - —
Crane .....bbl. .78 - 1.08
Crockett .....bbl. .78 - 1.08
Ector .....bbl. .78 - 1.08
Glasscock .....bbl. .78 - 1.08
Hogback .....bbl. 1.33 - —
Howard .....bbl. .78 - 1.08
Jackson, N. M. .....bbl. .90 - —
Lea, N. M.....bbl. .78 - 1.08
Maljamar, N. M. ....bbl. .90 - —
Mitchell .....bbl. .78 - 1.08
Pecos .....bbl. .91 - —
Upton .....bbl. .78 - 1.08
Winkler .....bbl. .78 - 1.08
Ether, 30-60°, dms., c.l., G. 3. gal. .14 - —
l.c.l., G.3.....gal. .17 - —
tanks, G.3 .....gal. .13 - —
55-60°, dms., l.c.l., G.3....gal. .35 - —
40-75° dms., c.l., G.3.....gal. .14 - —
l.c.l., G.3.....gal. .16 - —
tanks, G3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .16 - —
c.l., G.3 .....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California 60,160 l.b.p., 263 e.p., tanks, deivd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12½
Group 3, tanks.....gal. .08¾- .09¾
Naphtha, cleaners, at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07¾- .07¾
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 4c. tax...gal. .171 - —
Decatur, inc. 4c. tax...gal. .19¼- —
Des Moines, inc.4c.tax.gal. .193 - —
Evansville, ind., ex tax.gal. .146 - .156
Milwaukee, inc. 5c. tax, gal. .209 - —
Minneapolis-St Paul, inc. 4c. tax..gal. .199 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax....gal. .12 - —
Omaha, ex tax.....gal. .140 - .153
Oklahoma City, ex tax.gal. .15 - .16
Philadelphia, ex tax...gal. .11¼- —
St. Louis, inc. 3c. tax.gal. .162 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans.....gal. .21 - —
Tulsa, ex tax.....gal. .15 - .16
high solvency, aromatic 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal. .16¼- —
30, same basis.....gal. .18¼- .19
40, same basis.....gal. .14½- .18½
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equaled nearest comp. pt..gal. .16 - —
2, same basis.....gal. .18 - —
3, same basis.....gal. .16 - —
4, same basis.....gal. .18 - —
V.m. & p., at refinery:—
California, 46.5, 254 l.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11¼- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —

Petrol, Naphtha—Santonin

Petroleum naphtha, v.m.&p. at refy. Calif., 54-57, 190 i.b.p., 310 e.p. tanks, delvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .11 - —
Group 3, tanks.....gal. .07⅝- .07⅞
tankwagon, Boston, ex tax. gal. .13 - .14
Chicago, inc. 4c. tax..gal. .131 - —
Decatur, inc. 4c. tax..gal. .196 - —
Des Moines, Inc.4c.tax.gal. .193 - —
Evansville, Ind.,ex tax.gal. .146 - .161
Milwaukee, inc. 5c.tax.gal. .208 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .199 - —
Newark, ex tax.....gal. .13½- —
New York, ex tax.....gal. .12½- —
Omaha, ex tax.....gal. .149 - .159
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 3c. tax.gal. .162 - —
solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07⅝- .07⅞
standard, 180 i.b.p., 288 e.p., tanks, gal. .07⅝- .07⅞
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅞- .07⅝
tankwagon, Boston, ex tax. gal. .12½- .13½
Chicago, inc. 4c. tax...gal. .166 - —
Decatur, inc. 4c. tax..gal. .185 - —
Des Moines, inc. 4c.tax.gal. .183 - —
Evansville, Ind.,ex tax.gal. .139 - —
Milwaukee, inc. 5c. tax. gal. .198 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .17 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11½- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha .....gal. .139 - .149
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 3c. tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash..gal. .12 - —
East Coast, 43-47, tanks.gal. .10 - —
47-49, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅞
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bridgeport, Conn.....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .178 - —
Decatur, Ill.....gal. .185 - —
Des Moines.....gal. .163 - —
Evansville, Ind.....gal. .139 - .149
Milwaukee .....gal. .198 - —
Minneapolis-St. Paul...gal. .189 - —
Newark .....gal. .11½- .13½
New York (200 gals.).gal. .11½- —
smaller lots.....gal. .12 - —
Omaha .....gal. .109 - .149
Philadelphia .....gal. .118 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis.....gal. .152 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .12 - .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.50 - —
cns., 25 lbs.....lb. 4.75 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13¼- .14¼
l.c.l., same basis.....lb. .14 - .15
tanks, works.....lb. .12¾- —
tins, c.l., same basis.....lb. .14¼- .15¼
l.c.l., same basis.....lb. .15 - .16
Phenolphthalein, USP, bbls..dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetadehyde, bots.....lb. 2.25 - 3.50
Phenylhydrazin hydrochloride,CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works...lb. 3.30 - 6.50
pure, bots., works.....lb. 2.95 - 3.25
Phloroglucinol, CP, tins,works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines..... long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .30
Oxychloride, cyls.....lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Picid leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 2.75
Nitrate, bots., vls.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .12¼- .12½
Pinkroot, bls.....lb. .40 - .45
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.21.50 -22.50
f.o.b. works.....ton.16.00 - —
Linseed, dms.....lb. .04¾- .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .16
Podophyllin, fib., dms., 100 lbs., lb. 3.60 - —
cns., 25 lbs.....lb. 3.85 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .40 - .42
Seed, Dutch, bgs.....lb. .07¼- .07⅝
Polish, bgs.....lb. .07½- .07½
Potash acetate, USP, fib., dms., 350 lbs..lb. .28 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate, spot, c.l., works.. lb. .08⅝- —
6 casks or 10 bbls., or over, works..lb. .08⅝- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .16
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06¼- —
l.c.l., same basis.....lb. .06⅝- —
hydrated, 83-85%, bbls., c.l., works—lb. .05½- —
l.c.l., same basis.....lb. .05⅝- —
liquid, dms., c.l., dlvd....lb. .02⅝- —
l.c.l., 10 dms. or over..lb. .03¼- —
less than 10 dms....lb. .03½- —
tanks, dlvd.....lb. .02⅝- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import., dms.....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½- .03½
tanks .....lb. .02⅝- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06⅝
import, csks.....lb. .06¼- .06⅝
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .06½- .06⅝
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .28
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .30 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms. .....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.l.f. ports..ton.12.00 - —
July, 1937-May, 1938.ton.12.75 - —
Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate for July, 1937-May, 1938 are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.
Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.l.f. ports..unit-ton. .55 - .58½
July, 1937-May, 1938, unit-ton. .58½- —
import., 30%, K_2O,bulk,shipt. unit-ton. .55 - —
July, 1937 - May, 1938, unit-ton. .58½- —
Metabisulphite, kgs.....lb. .11 - .12
Muriate, dom., all strengths, min. 50% K_2O, bulk..... unit-ton. .50 - .53½
July, 1937 - May, 1938. unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
July, 1937-May, 1938, unit-ton. .53½- —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18¼- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton.36.25 - —
July, 1937 - May, 1938. ton.38.00 - —
Vegetable, bulk, f.o.b.Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.24.75 - —
July, 1937-May, 1938..ton.25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .11½- .15
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .18 - .20
Propane, tanks, G.S.....gal. .03 - .04½
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian,Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works...lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs.,ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
Putty, linseed,-oil, refined, dms., 1,000 lbs..100 lbs. 5.15 - —
500-999 lbs.....100 lbs. 5.30 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs. 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 4.25 - 4.50
basis, 3.6% pyethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.37 - 6.75
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over, lb. .14¾- —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .17⅜- —
Pyridin, denaturing, dms.....gal. 1.55 - —
refd., 2° dms.....lb. .45 - —
Pyrites, Spanish, bulk, c.l.f., Atl. ports..unit-ton. .13-.13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .18 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .16 - —
mixed, mottled, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works....lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 25% tan., bbls., works..lb. .03½- —
tanks, works.....lb. .03 - —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flask. 97.00 -99.00
Quince seed, bgs.....lb. .75 - 1.50
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .93 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .96 - —
Arsenate, cns.....oz. .96 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .96 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydriodide, cns.....oz. .96 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns....oz. .53 - —
U.S.P. XI, cns.....oz. .69½- —
Sulphocarbolate, cns.....oz. .96 - —
Quinine, tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06¼- .06⅝
Dutch, bgs.....lb. .06¼- .06⅝
Japanese, bgs.....lb. .06¼- .06⅝
Raspberries, dried, bbls.....lb. .85 - .90
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport,Rock Island, St. Louis..lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport 1¼c.), Miss., N. C., S. C. Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis, lb. .70 - —
kgs., ton lots, same basis, lb. .70 - —
smaller lots, same basis, lb. .75 - —
light-medium shade, bbls., ton-lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton-lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.80
Crocus martis (see Red, purple oxide).
Red, eosin, toner, blue shade, bbls..lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07½- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts.. lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake,contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. 1.59 - 1.60
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¾- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs.,same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd....lb. .03½- —
Toluidin toner, kgs., same basis alizarin lakes..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18½- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion,American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lbs..lb. 1.80 - —
smaller lots.....lb. 1.81 - 1.90
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms..lb. 1.84 - 1.86
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .35 - .36
powd., bbls., kgs.....lb. .40 - .42
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots.....lb. .16 - —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .14½- —
smaller lots.....lb. .15 - —
Rose flowers, pale, bls.....lb. .22 - .24
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .06½- .08
Rosin, gum, B, bbls., ex dock.. 280 lbs. 8.95 - —
D, bbls.....280 lbs. 8.95 - —
E, bbls.....280 lbs. 8.95 - —
F, bbls.....280 lbs. 8.95 - —
G, bbls.....280 lbs. 8.95 - —
H, bbls.....280 lbs. 8.95 - —
I, bbls.....280 lbs. 8.95 - —
K, bbls.....280 lbs. 8.95 - —
M, bbls.....280 lbs. 8.95 - —
N, bbls.....280 lbs. 8.95 - —
W. G., bbls.....280 lbs. 8.95 - —
W. W., bbls.....280 lbs. 10.00 - —
X, bbls.....280 lbs. 10.00 - —
Wood, New York, F. F., bbls., 280 lbs. 8.86 - 9.95
K, bbls.....280 lbs. 9.16 -10.25
M, bbls.....280 lbs. 9.26 -10.35
N, bbls.....280 lbs. 9.91 -11.00
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .26

S

Sabadilla seed, powd., bbls....lb. .22 - .28
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .45 - .50
Spanish, tins.....lb. 18.00 -20.00
Safrol, cns.....lb. .50 - .55
dms. .....lb. .47 - .55
Sage, Dalmatian, stemless....lb. .06 - .06½
garden, bls.....lb. .06½- .07
Sago fleur, bgs.....lb. .03¼- .04¼
Salicin, bots., 5 lbs.....lb. 4.25 - —
cns., 25 lbs.....lb. 4.00 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton.14.00 -14.50
vacuum, common, fine, bgs.,c.l., dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.l.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb. 25.00 -26.00

Saponin, crude, cns.	lb.	1.45	- —
purified, bots., 5 lbs.	lb.	1.65	- —
cns., 25 lbs.	lb.	1.50	- —
Sarsaparilla root, Honduras, bls.	lb.	.45	- .50
Mexican, bls.	lb.	.20	- .22
Sassafras bark, ord., bls.	lb.	.11	- .13
select, bls.	lb.	.22	- .23
Savory, bbls.	lb.	.07	- .07½
Saw palmetto berries, bgs.	lb.	.50	- .51
Scammony root, bgs.	lb.	.96	- .97
Schaeffer's salt, bgs.	lb.	.46	- —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't	lb.	.11½	- —
smaller lots	lb.	.12	- —
kegs, 5,000 lbs., 1 shipm't.	lb.	.12	- —
smaller lots	lb.	.12½	- —
Senega root, bls.	lb.	.60	- .62
Senna leaves, Alexandria, bls.	lb.	.10	- .11
Tinnevelly, No. 1, bls.	lb.	.10	- .11
2, bls.	lb.	.07	- .08
3, bls.	lb.	.05	- .06
powd., bbls., bxs.	lb.	.09	- .10
siftings, bls.	lb.	.10	- .11
Pods, bls.	lb.	.06	- .07
Serpentaria roots, bls.	lb.	.95	- 1.00
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.18½	- .19
dlvd. Boston	lb.	.19	- .19½
Chicago	lb.	.19½	- .20
Pacific Coast	lb.	.20½	- .21
refd., bbls., f.o.b. N. Y.	lb.	.24	- .25
dlvd. Boston	lb.	.19	- .19½
Chicago	lb.	.19½	- .20
Pacific Coast	lb.	.20½	- .21
Garnet, bgs.	lb.	.16	- .17
Orange, D.C., VSO., Diamond, cases	lb.	.24	- .25
superfine, bgs., f.o.b. Bost., N. Y.	lb.	.14½	- .15
dlvd. Chicago	lb.	.15½	- .16
Pacific Coast	lb.	.17½	- .18
T. N., bgs., f.o.b. Bost., N. Y.	lb.	.13	- .13½
dlvd., Chicago	lb.	.14	- .14½
Pacific Coast	lb.	.16	- .16½
Shellac, varnish, orange, 5-lb. cut, bbls.	lb.	.90	- 1.00
4½-lb. cut, bbls.	gal.	.85	- .95
4-lb. cut, bbls.	gal.	.80	- .90
white, 5-lb. cut, bbls.	gal.	1.05	- 1.15
4½-lb. cut, bbls.	gal.	1.00	- 1.10
4-lb. cut, bbls.	gal.	.95	- 1.05
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	17.00	- —
l.c.l., 2½ tons, works.	ton.	19.00	- —
smaller lots, works.	ton.	20.00	- —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	18.00	- —
l.c.l., 2½ tons, works.	ton.	19.50	- —
smaller lots works.	ton.	21.00	- —
400 mesh, bgs., c.l., works,	ton.	35.00	- —
l.c.l., 2½ tons, works.	ton.	36.50	- —
smaller lots, works.	ton.	38.00	- —
98-99%, 325 mesh, bgs., c.l., works.	ton.	20.00	- —
l.c.l., 2½ tons, works.	ton.	21.50	- —
smaller lots, works.	ton.	23.00	- —
99%, 326 mesh, bgs., c.l., works.	ton.	22.00	- —
l.c.l., 2½ tons, works.	ton.	25.50	- —
smaller lots	ton.	27.00	- —
hard-quartz, 140 mesh, bgs., c.l., works.	ton.	11.00	- —
l.c.l., works	ton.	16.00	- —
Silver, bullion	oz.	.44¾	- —
Govt. purchase	oz.	.7757	- —
Nitrate, vis	oz.	.32½	- .34½
Nucleinate, bots., cns., 480 ozs.,	oz.	.30	- .31
Proteinate, bots., cns., 480 ozs.,	oz.	.29	- .30
Simarubra bark, bls.	lb.	.28	- .30
Skatol, bots.	lb.	85.00	-90.00
Skullcap, Eastern, bls.	lb.	.25	- .26
Western, bls.	lb.	.24	- .25
Skunk cabbage root, bls.	lb.	.15	- .16
Slate flour, bgs., c.l., works.	ton.	9.00	- —
l.c.l., works	ton.	10.00	-15.00
Sloe berries, bgs.	lb.	.11	- .12
Smalt, black, extra velvet, ctns.	lb.	.05	- .08
Blue, ctns.	lb.	.07	- .08½
Snakeroot, Canad., bls.	lb.	.24	- .26
Soapbark, bls.	lb.	.07	- .08
crushed, bls., bbls.	lb.	.11	- .12
cut, bls., bbls.	lb.	.09	- .10
powd., bbls.	lb.	.13	- .14
Soda, abietate, dms.	lb.	.13	- —
Acetate, anhyd., dms.	lb.	.08¼	- —
flake, gran., powd., 60%, dms.	lb.	.04½	- .05
Alginate, dms.	lb.	.60	- —
Antimoniate, bbls.	lb.	.15¾	- .16¼
Arsenate, dms., dealers, c.l. works.	lb.	.08	- —
l.c.l., dms., works	lb.	.08½	- —
Arsenite, dry, gray, dms., c.l., dealers' works.	lb.	.07½	- .08¼
l.c.l., dms., works	lb.	.08	- .10
white, dms., c.l., dealers' works.	lb.	.09	- .13
l.c.l., dms., works	lb.	.09½	- .13¼
liquid, dms., works	gal.	.30	- .33

Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l. works.	100 lbs.	1.25	- —
l.c.l., Zone 1	100 lbs.	2.03	- —
2	100 lbs.	2.18	- —
3	100 lbs.	2.43	- —
4	100 lbs.	2.83	- —
bbls., c.l., works.	100 lbs.	1.50	- —
l.c.l., Zone 1	100 lbs.	2.25	- —
2	100 lbs.	2.40	- —
3	100 lbs.	2.65	- —
4	100 lbs.	3.05	- —
bulk, c.l., works.	100 lbs.	1.10	- —
extra light, 58%, bgs., c.l.,	100 lbs.	1.25	- —
l.c.l., Zone 1	100 lbs.	1.98	- —
2	100 lbs.	2.13	- —
3	100 lbs.	2.38	- —
4	100 lbs.	2.78	- —
bbls., c.l.	100 lbs.	1.60	- —
l.c.l., Zone 1	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l.	100 lbs.	1.05	- —
light, 58%, bgs., c.l., works.	100 lbs.	1.23	- —
l.c.l., Zone 1	100 lbs.	1.98	- —
2	100 lbs.	2.13	- —
4	100 lbs.	2.78	- —
3	100 lbs.	2.38	- —
bbls., c.l., works.	100 lbs.	1.50	- —
l.c.l., Zone 1	100 lbs.	2.25	- —
2	100 lbs.	2.40	- —
3	100 lbs.	2.65	- —
4	100 lbs.	3.05	- —
bulk, c.l.	100 lbs.	1.05	- —

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts, to various counties: Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Soda benzoate, tech., bbls., 4,000 lbs. or more	lb.	.39	- —
1,000 to 3,900 lbs.	lb.	.40	- —
900 lbs. or less	lb.	.43	- —
USP, bbls., 4,000 lbs., or more	lb.	.46	- —
1,000 to 3,900 lbs.	lb.	.47	- —
900 lbs. or less	lb.	.50	- —
dms., 4,000 lbs. or more	lb.	.47	- .48
1,000 to 3,900 lbs.	lb.	.48	- .49
900 lbs. or less	lb.	.51	- .52
Bicarbonate, gran., bbls., c.l., works.	100 lbs.	2.15	- —
powd., bbls., c.l., works.	100 lbs.	1.75	- —
l.c.l., dlvd. N.Y.	100 lbs.	2.39	- —
kgs., c.l.	100 lbs.	2.60	- —
l.c.l., dlvd. N.Y.	100 lbs.	2.64	- —
Bichromate, spot, c.l., works,	lb.	.06¾	- —
6 cks. or 10 bbls. or over, works.	lb.	.06¾	- —
5 cks. or 9 bbls. or less, works.	lb.	.07	- —
Bifluoride, bbls.	lb.	.12	- —
Bisulphate (see Niter cake).			
Bisulphite, powd., bbls., c.l., works.	100 lbs.	3.25	- 3.35
l.c.l., works	100 lbs.	3.50	- 3.60
solution, 32 deg., bbls., c.l., works.	100 lbs.	1.30	- —
l.c.l., bbls., works.	100 lbs.	1.55	- —
33 deg., bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., bbls., works.	100 lbs.	1.60	- —
35 deg., bbls., c.l., works.	100 lbs.	1.40	- —
l.c.l., bbls., works.	100 lbs.	1.65	- —
40 deg., bbls., works.	100 lbs.	1.55	- —
l.c.l., bbls., works.	100 lbs.	1.80	- —

Soda, bromide, U.S.P., gran., bbls., 500 lbs.	lb.	.31	- —
fiber dms., 100 lbs.	lb.	.32	- —
Cacodylate, bots, 5 lbs.	lb.	6.82	- —
jars, 25 lbs.	lb.	6.50	- —
Carbonate (see Soda ash, soda menohydrated soda, sal)			
Caustic, flake, 76% l. grd., powd., ammon. process, bbls., c.l., works.	100 lbs.	3.25	- —
dms., c.l., works.	100 lbs.	3.00	- —
l.c.l., Zone 1	100 lbs.	3.45	- 4.90
2	100 lbs.	3.60	- 4.95
3	100 lbs.	3.85	- 5.20
4	100 lbs.	4.25	- 5.60
electro process, dms., c.l., works.	100 lbs.	2.95	- —
l.c.l, same zone prices as ammonia process.			
liquid, 47-49% buyer's tanks, works.	100 lbs	2.22½	- —
seller's tanks, works.	100 lbs.	2.25	- —
70%, buyer's tanks, works,	100 lbs.	2.27½	- —
seller's tanks, works.	100 lbs.	2.30	- —
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.60	- —
l.c.l., Zone 1	100 lbs.	3.05	- —
2	100 lbs.	3.20	- —
3	100 lbs.	3.45	- —
electro process, dms., c.l., works.	100 lbs.	2.55	- —
l.c.l., same zone prices as ammon. process.			

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼	- —
l.c.l., works	lb.	.06½	- .08
powd., bgs., c.l., works.	lb.	.06¼	- —
l.c.l., works	lb.	.07	- .08¼

Saponin—Soda Hypophosphite

Soda citrate, USP, VIII, gran., bbls.	225 lb.	.21	- —
cns. 50 lbs.	lb.	.23	- —
25 lbs.	lb.	.25	- .26
kgs., 100 lbs.	lb.	.22	- —
USP X, gran., bbls., 250 lbs.	lb.	.27½	- —
cns. 50 lbs.	lb.	.29½	- —
25 lbs.	lb.	.31½	- .32½
kgs., 100 lbs.	lb.	.28	- —
powd., bbls., 250 lbs.	lb.	.28	- —
cns., 50 lbs.	lb.	.30	- —
25 lbs.	lb.	.32	- .33
kgs, 100 lbs.	lb.	.29	- —
Cyanide, 98-98%, dom., dms.	lb.	.16½	- .17¼
import., cs.	lb.	.16½	- .17
Fluoride, white, 96%, bbls., c.l., f.o.b. Phila.	lb.	.07¼	- —
l.c.l., 10 or over, same basis.	lb.	.07½	- —
5-9, same basis	lb.	.08	- —
1-4 same basis	lb.	.08¼	- —
95%, bbls., c.l., same basis.	lb.	.07½	- —
l.c.l., 10 or over, same basis.	lb.	.07¾	- —
5-9 same basis	lb.	.08¼	- —
1-4, same basis	lb.	.08½	- —

Soda fluoride prices at Los Angeles are f.a.s. Phila

Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots.	lb.	1.00	- —
smaller lots	lb.	1.15	- —
cns., 25 lbs.	lb.	1.40	- —
powd., bbls., 1,000 lb. lots,	lb.	1.05	- —
smaller lots	lb.	1.20	- —
cns., 25 lbs.	lb.	1.45	- —
Hydrosulphite, bbls.	lb.	.16	- .17
Hydroxide, USP, sticks, cns., 100 lbs.	lb.	.23	- .24
Hypophosphite, N.F., cns., 100 lbs.	lb.	.67	- —

CHEMISTRY

THE KEYSTONE OF INDUSTRY

There is scarcely an industrial development or a manufacturing process that is not rooted in the achievements of chemistry. And it is fitting that a firm which has played such an important part in this field as has Pennsylvania Salt Manufacturing Company should have as its trademark the Keystone symbolizing the place of chemistry in modern business.

Among the outstanding developments of this Company is a process that renders electrolytic Caustic Soda doubly pure, resulting in a desirably low iron and salt content. We supply Caustic Soda in aqueous solution in 8,000 gallon tank cars as well as in solid, flake, or ground form in drums. The services of our technical staff are always available.

Following are a few of the Pennsylvania Salt Manufacturing Company products:—

Chloride of Lime (Bleaching Powder)
Kryolith (Natural Greenland Cryolite)
Chlorine
Sodium Orthosilicate
Carbon Tetrachloride and Carbon Bisulphide

TRADE MARK

PENNSYLVANIA SALT MANUFACTURING COMPANY · Est. 1850
WIDENER BLDG., PHILADELPHIA, PA.
OFFICES: NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

PENNSYLVANIA SALT Chemicals

Soda, Hyposulphite—Tankage

Soda, hyposulphite, cryst., large, bbls., 100 lbs.	2.40	-	2.65
pea, bbls. 100 lbs.	2.50	-	3.00
gran., bbls. 100 lbs.	2.75	-	3.30
Iodate, jars lb.	5.02	-	5.07
Iodide, jars lb.	1.90	-	1.95
Mandelate, bots., 5 lbs. lb.	4.50	-	—
jars, 25 lbs. lb.	4.25	-	—
Metanilate, kgs. lb.	.41		Nom.
Metasilicate, cryst., bbls., c.l., works. 100 lbs.	2.75	-	—
gran., bbls., c.l., works. 100 lbs.	2.15	-	—
l.c.l., dlvd. 100 lbs.	2.60	-	2.80
Molybdate, tech., anhyd., kgs., lb.	.70	-	.75
cryst., kgs. lb.	.60	-	.65
Monohydrated, bbls. 100 lbs.	2.00	-	—
works 100 lbs.	2.30	-	—
Naphthenate, bbls. lb.	.19	-	—
Naphthionate, bbls. lb.	.52	-	.54
Nitrate, crude, 100-lb. bgs., June dlvy., ports. ton.	27.50	-	—
200-lb. bgs., same basis, ton.	26.80	-	—
bulk, same basis. ton.	25.50	-	—
rfd., gran., bbls., 25 c.l. 100 lbs.	2.25	-	—
5-24 100 lbs.	2.40	-	—
1-4 100 lbs.	2.65	-	—
powd., bbls., ton lots. lb.	.05¾	-	—
smaller lots. lb.	.06¼	-	—
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized. lb.	.07	-	—
c.l., West Coast, f.o.b. f.o.b. ports. lb.	.08¼	-	—
l.c.l. lb.	.08½	-	.11¼
Soda nitrite l.c.l. price range represents delivery at various points.			
Oxalate, neut., bbls. lb.	.09	-	—
kgs. lb.	.11	-	—
Perborate, NF, bbls., c.l., works. lb.	.14¾	-	—
l.c.l., works. lb.	.15¼	-	—
Phosphate, dibasic, tech., bgs., c.l., works. 100 lbs.	1.70	-	—
l.c.l., works. 100 lbs.	1.90	-	—
bbls., c.l., works. 100 lbs.	1.90	-	—
l.c.l., works. 100 lbs.	2.10	-	—
monobasic, anhyd., bbls., c.l. 100 lbs.	7.51	-	—
l.c.l. 100 lbs.	8.35	-	—
tribasic, bgs., c.l., works 100 lbs.	1.85	-	—
l.c.l., works. 100 lbs.	2.25	-	—
bbls., c.l., works. 100 lbs.	2.05	-	—
l.c.l., works. 100 lbs.	2.45	-	—
kgs., c.l., works. 100 lbs.	2.55	-	—
l.c.l., works. 100 lbs.	2.95	-	—
Picramate, kgs. lb.	.65	-	—
Prussiate, yellow, bbls., works, lb.	.10	-	.11½
Pyrophosphate, anhyd., bbls. lb.	.10	-	—
cryst., bbls. lb.	.09½	-	—
Sal, bgs., divd., N. Y. 100 lbs.	1.20	-	—
works 100 lbs.	1.00	-	—
bbls., divd. N. Y. 100 lbs.	1.30	-	—
works 100 lbs.	1.10	-	—
Salicylate, bxs. lb.	.47	-	—
Sesquisilicate (dms., c.l., works 100 lbs.	3.00	-	—
20 dms. and up, delvd. N.Y.C. 100 lbs.	3.65	-	—
5-19 dms. 100 lbs.	4.10	-	—
1-4 dms. 100 lbs.	4.30	-	—
Silicate, 40° urbid, dms., c.l., works. 100 lbs.	.80	-	—
l.c.l., 5 or more, works, 100 lbs.	1.05	-	—
1-4, works. 100 lbs.	1.20	-	—
Soda silicate, 52°, dms., c.l., works. 100 lbs.	1.25	-	—
l.c.l., 5 or more, works, 100 lbs.	1.60	-	—
1-4, works. 100 lbs.	1.75	-	—
Silicofluoride, dom., bbls. lb.	.06½	-	.07
import, bbls. lb.	.06½	-	.07
Stannate, dms. lb.	.36	-	.39
Stearate, lump, bbls., works. lb.	.19	-	.20
powd., bbls., works. lb.	.24	-	—
Sulphate, anhyd., bgs., bbls., c.l., works. 100 lbs.	1.45	-	1.65
5 tons or over, works, 100 lbs.	1.70	-	1.90
less than 5 tons, works, 100 lbs.	1.95	-	2.15
cryst. (see Glauber's salt).			
Sulphide, cryst., bbls., c.l., works. 100 lbs.	2.25	-	—
l.c.l., 5 tons or over, dlvd. 100 lbs.	2.75	-	—
less than 5 tons, dlvd. 100 lbs.	3.00	-	—
solid, bbls., c.l., works. 100 lbs.	3.00	-	—
l.c.l., 5 tons or over, dlvd. 100 lbs.	3.50	-	—
less than 5 tons, dlvd. 100 lbs.	3.75	-	—
Sulphite, cryst., bgs., works... 100 lbs.	2.10	-	2.35
bbls. 100 lbs.	2.30	-	2.50
powd., bbls., c.l. 100 lbs.	5.25	-	—
l.c.l., 5 or more. 100 lbs.	5.50	-	—
1-4 100 lbs.	6.00	-	—
Sulphocarbolate, cs. lb.	.27	-	.28
Sulphocyanide, dms., cns. lb.	.28	-	.41
Sulphoricinoleate, bbls. lb.	.12	-	—
Thiosulphate (see hyposulphite)			
Tungstate, CP, kgs. lb.	No prices		
tech., kgs. lb.	No prices		
Solvent naphtha, high-flash, dms., works, frt. equald. gal.	.36	-	—
tanks, same basis gal.	.31	-	—
water-white, dms., works. gal.	.35	-	—
tanks, E. of Omaha, frt. alld. gal.	.30	-	—
W. of Omaha, works. gal.	.30	-	—
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb.	.25	-	—
Sparteine sulphate, cns. oz.	1.10	-	1.15
spearmint leaves, bls. lb.	.20	-	.22
spikenard root, bls. lb.	.12	-	.15
Spruce extract, bbls., works. lb.	.01½	-	—
tanks, works. lb.	.01	-	—
powd., bgs. lb.	.04½	-	—
super, bbls., works. lb.	.01¾	-	—
tanks, works. lb.	.01⅝	-	—
Squawvine leaves, bls. lb.	.14	-	.15
Squill, red, bls. lb.	.14	-	.15
White, bls. lb.	.07	-	.08
powd., bbls., bxs. lb.	.12	-	.13
St. Ignatius beans, bgs. lb.	.31	-	.32
St. John's bread, bls. lb.	.08½	-	.09
Starch, corn, pearl, bgs. 100 lbs.	4.33	-	4.56
powd., bgs. lb.	4.43	-	4.68
Iodide, bots. lb.	1.87	-	—
Potato, dom., bgs. lb.	.05½		Nom.
import., bgs. lb.	.05½		Nom.
Rice, bbls. lb.	.07¼		Nom.
Wheat, thick boil, bbls. lb.	.07		Nom
Stavesacre seed, bgs. lb.	.28	-	.30
Stearin, oleo, bbls. lb.	.09½	-	.09¾
Stillingia root, bls. lb.	.09½	-	.10
Stoneroot, bls. lb.	.06½	-	.07
Storax, cs. lb.	.33	-	.50
Stramonium leaves, bls. lb.	.11	-	.12
seed, bgs. lb.	.09	-	.10
Strontium bromide, fib, dms. lb.	.57	-	.58
kgs., 150 lbs. lb.	.55	-	—
Carbonate, pure, bbls. lb.	.30	-	.31
Iodide, jars. 25 lbs. lb.	2.70	-	—
bots., 5 lbs. lb.	2.76	-	—
Strontium, nitrate, dom., bbls., c.l., works. lb.	.07¾	-	—
25 bbls. and over. lb.	.08¼	-	—
1-4 bbls. and over. lb.	.08¾	-	—
import, bbls. lb.	.08½	-	.09
Strophanthus seed, Kombe, bgs. lb.	1.45	-	1.50
Strychnine, cryst., cns. oz.	.48	-	.51
powd., cns. oz.	.38	-	.41
Acetate, cns. oz.	.64	-	—
Arsenate, cns. oz.	.66	-	—
Arsenite, cns. oz.	.64	-	—
Glycerophosphate, cns. oz.	.85	-	—
Hydrochloride, cns. oz.	.64	-	—
Hydrophosphite, cns. oz.	.75	-	—
Nitrate, cns. oz.	.58	-	—
Phosphate, cryst., cns. oz.	.65	-	—
Sulphate, cryst., cns. oz.	.42	-	.45
powd., cns. oz.	.52	-	.58
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb.	.45	-	—
tech., bbls., l.c.l., works. lb.	.40	-	—
Sugar coloring, bbls. gal.	.75	-	1.10
Milk, bbls., c.l. lb.	.13	-	—
l.c.l., 10 or over. lb.	.15	-	—
less than 10. lb.	.16	-	.17
Sulfanilamide, 5 lb. bots. lb.	5.00	-	—
fib., dms. lb.	4.65	-	4.75
Sulphonethylmethane, kgs. lb.	6.75	-	6.80
Sulphonmethane, kgs. lb.	5.25	-	5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts. long ton.	18.00	-	—
c.l., spot, nearby. long ton.	21.00	-	—
ex vessel, Balto., N. Y., Phila., Southern ports, long-ton.	22.00	-	25.00
Bost., Portland. long ton.	22.50	-	25.50
flowers, bgs., c.l., works, 100 lbs.	3.00	-	—
bbls., works. 100 lbs.	3.25	-	—
l.c.l., bgs., works. 100 lbs.	3.35	-	3.75
bbls., works. 100 lbs.	3.70	-	4.10
refined, broken, bgs., c.l., works. 100 lbs.	2.15	-	—
bbls., works. 100 lbs.	2.30	-	—
l.c.l., bgs., works. 100 lbs.	2.50	-	2.90
bbls., works. 100 lbs.	2.65	-	3.05
flour, com'l., bgs., c.l., works, 100 lbs.	1.65	-	—
bbls., c.l., works. 100 lbs.	1.95	-	—
l.c.l., bgs., works. 100 lbs.	1.95	-	2.35
bbls., bbls., works. 100 lbs.	2.30	-	2.70
extra fine, bgs., c.l., works, 100 lbs.	2.85	-	—
bbls., works. 100 lbs.	3.20	-	—
heavy, bgs., c.l., works, 100 lbs.	2.55	-	—
bbls., works. 100 lbs.	2.90	-	—
l.c.l., bgs., works. 100 lbs.	2.80	-	3.20
bbls., works. 100 lbs.	3.25	-	3.65
light, bgs., c.l., works. 100 lbs.	2.65	-	—
bbls., works. 100 lbs.	3.00	-	—
l.c.l., bgs., works. 100 lbs.	3.00	-	3.40
bbls., works. 100 lbs.	3.35	-	3.75
rock, virgin, bbls., c.l., works, 100 lbs.	2.30	-	—
l.c.l., bbls., works. 100 lbs.	2.15	-	—
roll, bgs., c.l., works. 100 lbs.	2.35	-	—
bbls., works. 100 lbs.	2.50	-	—
l.c.l., bgs., works. 100 lbs.	2.70	-	3.10
bbls., works. 100 lbs.	2.85	-	3.25
Chloride, 55-gal. dms., c.l. lb.	.03	-	—
l.c.l., dms., works. lb.	.04	-	—
10-gal. dms., c.l. lb.	.07	-	—
l.c.l. lb.	.08	-	—
Sulphur, dioxide, liq., com'l, cyls., works. lb.	.07	-	.09
multi-unit cars, works. lb.	.04½	-	.07
tanks, works lb.	.04	-	.05
refrigeration, cyls., works. lb.	.16	-	.40
multi-unit cars, works. lb.	.07½	-	.10
Iodide, bots., jars. lb.	3.80	-	3.85
Sumac, grd., Sicilian, bls. ton.	59.00	-	—
leaf, bales. ton.	64.00	-	—
Extract, 42°, bbls. lb.	.05¼	-	.06¾
51°, bbls. lb.	.06½	-	.08½
stainless, bbls. lb.	.08½	-	.09¼
Sunflower seed, Calif., large, bgs. lb.	.06¾	-	.07¼
medium, bgs. lb.	.06¾	-	.06¾
poultry, bgs. lb.	.05½	-	.06
Hungarian medium, bgs. lb.	.06¾	-	.06¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton.	8.50	-	—
run-of-pile, basis 16%, bulk, same basis. ton.	8.00	-	—
triple, 44-45%, a.p.a. bulk, f.o.b. Balto. unit-ton.	.70		Nom.

T

Talc, dom., Calif., 1, bgs., c.l., mills. ton.	20.00	-	—
2, bgs., c.l., mills. ton.	17.00	-	—
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.	14.00	-	—
l.c.l., mills. ton.	16.00	-	—
96.98%, 325 mesh, bgs., c.l., mills. ton.	15.00	-	—
l.c.l., mills. ton.	17.00	-	—
98-99½% 325 mesh, bgs., c.l., mills. ton.	15.25	-	—
l.c.l., mills. ton.	17.25	-	—
99.85-99.95% 325 mesh, bgs., c.l., mills. ton.	17.00	-	—
coarse, off color, bgs., c.l., mills. ton.	11.00	-	13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills. ton.	21.00	-	—
l.c.l., mills. ton.	24.00	-	—
Vermont, bgs., c.l., mills. ton.	14.00	-	—
l.c.l., ex whse. ton.	25.00	-	—
import, Canad., bgs., c.l., dlvd. ton.	28.00	-	—
l.c.l., dlvd. ton.	28.50	-	—
French, high-grade, bgs., l.c.l., ex whse. ton.	45.00	-	60.00
ordinary, bgs., c.l., ex dock, arrival. ton.	23.00	-	25.00
l.c.l., ex whse. ton.	27.50	-	32.50
Italian, 1, bgs., ex dock, arrival. ton.	65.00	-	67.00
ex whse. ton.	85.00	-	—
2, bgs., ex dock, arrival. ton.	60.00	-	62.00
Tallow, animal, edible, bbls. lb.	.09		Nom.
extra, loose, works. lb.	.08¾	-	—
special, loose, works. lb.	.08¼	-	—
sulphonated 35% (24% fat), dms., c.l. lb.	.07	-	—
l.c.l. lb.	.07½	-	—
50% (43% fat), dms., c.l. lb.	.07½	-	—
l.c.l. lb.	.08	-	—
50% (48% fat), dms., c.l. lb.	.08	-	—
l.c.l. lb.	.08½	-	—
Tamarinds, W. I., bbls. lb.	.06½	-	.07
kegs keg.	5.00	-	5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk unit-ton.	3.50	&	.10
unground, 9-11% ammon., 15-20% b.p.l., bulk unit-ton.	3.50	&	.10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago unit-ton.	3.25	&	.10
high-grade feeding, bulk, Chicago unit-ton.	3.25	&	.10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt. unit-ton.	3.80	&	.10

PERHAPS THIS NEW SYNTHETIC WAX WILL LOWER YOUR PRODUCT COST

Into the highly complex field of commercial waxes comes CERCON, a refined mineral product which is supplied in six colors: Snowdrift, Lemon, Orange, Tangerine, Apricot and Olive.

Having an ASTM penetration of 50 with the 50 gram weight attached, CERCON has a wide scope of commercial uses. In many of these uses it offers the manufacturer or compounder a substantial saving over the material now in use, such as ceresin and ozokerite.

Without attempting to further analyze the application of CERCON to any given product or process, we offer test samples to any interested user of this type of material.

Your inquiry will be promptly acknowledged

The Conewango Refining Co.
WARREN, PENNSYLVANIA

Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¼- .05¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25%, dms., c.l., works....gal. .26½- —
l.c.l., same basis.....gal. .29½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .80 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works...lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .10 - .10½
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .40½- .41
Metal, Straits.....lb. .55% - —
Oxide, bbls.....lb. .58 - .60
Tetrachloride, anhyd., bbls..lb. .28 - —
Titanium, dioxide, bgs., c.l., (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld...lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium calcium or magnesium base, bgs., c.l., E. frt. alld.....lb. .05⅞- —
Pac. cst., f.o.b. terminal. lb. .05⅞- —
l.c.l., E. dlvd.....lb. .06⅛- —
Pac. cst., ex whse...lb. .06⅛- —
under 50 lbs., E. dlvd.lb. .06⅞- —
bbls., c.l., E., frt. alld....lb. .06⅛- —
l.c.l., E. dlvd.....lb. .06⅜- —
Tolidin base kgs.....lb. .85 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l. works.....lb. .80 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094- —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .40 - .51
dms., c.l., dlvd.....lb. .34 - —
500 lbs., dlvd.....lb. .37 - —
tech., 1, cn., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
2, cns., dlvd.....lb. .26 - .37
dms., c.l., dlvd.....lb. .22½- —
500 lbs., dlvd.....lb. .23 - —
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. 3.75 - —
tech., kgs.....lb. 2.75 - —
Turmeric root, Alleppey, bgs..lb. .06¼- .06¾
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .39 - —
l.c.l., 10, ex dock.....gal. .41 - —
5, ex dock.....gal. .43 - —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .37 - —
l.c.l., dlvd.....gal. .40 - —
tanks, dlvd.....gal. .32 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports. NH_3 unit 1.00
Uva ursi leaves, bls.....lb. .22 - .25

V

Valerian root, 67s.....lb. .09 - .10
Valonia, beards, bgs., shipt..ton.47.00 - —
Cups, bgs., shipt.....ton.31.75 -33.25
Vanila beans, Bourbon, tins...lb. 4.75 - 5.50
Mexican, tins.....lb. 4.50 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more, lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .47 - .49
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .60 - .61
tree, bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.36.50 - —
Extract, bbls.....lb. .04⅝- .04½
Wax, bayberry, import, bgs...lb. .17 - .17½
Bees, white, bleach, slabs., cs., 500 lbs. .39 - .45
yellow, crude, Africa, bgs., lots of 10...lb. .29½- .30
1 bg.....lb. .30 - .30½
Brazil, Chile, bgs., 5-10 tons. lb. .32 - .32½
1 ton.....lb. .32½- .33
500 lbs.....lb. .33 - .33½
100 lbs.....lb. .33½- .34
refd., slabs, cs., lbs.....lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .14 - .14½
jobbing lots.....lb. .14½- .15
Carnauba, bgs., No. 3 chalky 1 ton..lb. .38 - .38½
5 bgs.....lb. .38½- .39
1 bg.....lb. .39 - .39½
N. C. 2, bgs.....lb. .42½- .43
N. C. 3, bgs., 1 ton.....lb. .38½- .39
5 bgs.....lb. .39 - .39½
1 bg.....lb. .39½- .40
refined, bgs.....lb. .43 - .43½
yellow, 1, bg., 1 ton.....lb. .47¾- .48¼
5 bgs.....lb. .48¼- .48¾
1 bg.....lb. .48¾- .49¼
2, bgs.....lb. .46½- .47
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08¼- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10 - .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 61°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, White).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots. 5 lbs..lb. 1.99 - —
dms. .....lb. 1.86 - 1.88
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works.ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bags., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l. works ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs....lb. .19 - .20
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld., gal. .38 - —
W. of Omaha, works....gal. .38 - —
Xylidin, mixed, dms.....lb. .35 - .86

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs., same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. 1.30 - 1.40
Chrome, CP, bbls., dlvd. N of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
Yellow, ocher, Amer., yellow, A, bbls., works.....lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01⅜- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import.lb. .0235- —
New York (f.o.b.)..lb. .02⅛- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York.....lb. .02¾- —
Philadelphia, for import..lb. .02⅝- —
Portland, Seattle..lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston N. Orleans...lb. .0260- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03½- —
Minneapolis .....lb. .03⅜- —
New York.....lb. .02⅝- —
Pittsburgh .....lb. .03½- —
Portland, Seattle..lb. .03⅜- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock. lb. .02¼- —
from whse.....lb. .02⅝- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y., lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
arsenite, bgs., c.s., c.l. dealers, of Rockies..lb. .10¼- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works....lb. .04½- —
tanks, works.....lb. .02 - —

(Continued on page 52)

For damp surfaces:

DUREZ 5949

2:20 — *Maple panel boiled for hour is removed from beaker, and water wiped off. Photos not retouched.*

2:20¼—*15 seconds later, Durez 5949 brushed over wet panel. Film dries slightly slower, but shows very good adhesion.*

Dairies, laundries and boats of all kinds present damp surfaces that are hazardous to ordinary enamels. But if you use a Durez 550 enamel—similar to 5949—you can recommend it for the dampest surfaces without hesitation.

Master painters and maintenance men welcome this peculiar property of 5949, for it saves time and possible failures. And you can dramatize this adhesion in literature and demonstrations, as shown in the unretouched photos above, making your enamel stand out over competition.

Besides, there are other unique features in this white enamel. It has extra fullness, excellent gloss and gloss retention. It is non-yellowing, non-skinning, and very durable. It dries in 5-6 hours.

Get a wet sample of this Durez 5949 formulation and verify these claims. Address General Plastics, Inc., 46 Walck Road, North Tonawanda, New York.

DUREZ

PHENOLIC RESINS

Oil, Paint & Drug Reporter

Founded October 18, 1871, by William O. Allison

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Fallacy in High Wages

Business management has been criticized by thoughtful leaders in its own group for its apparent failure adequately to make known to the working personnel which it directs and to the public the policies, processes, purposes, and possibilities of business. The consequences of this shortcoming are being steadily aggravated by economic trends that find expression in legislation and in more serious methods of attempted regulation and control.

One aspect of a controversial question of business policy, that calls for factual demonstration, is the vast economic difference between a wage scale and the earnings of employees. The buying power and the standard of living of a worker depend, not on how much he is paid for an hour's work, but on how much he earns in a year. His wages and his earnings are often in inverse ratio one to the other. The market for his production can absorb but so many dollars' worth; the unit cost determines the quantity consumed; and this sets the limits of how much work is required of him in production.

There are many among the advocates of higher wages who do not realize, or they see fit to disregard, the fact that the man who works 2,000 hours in a year at 80 cents an hour has a larger buying power than has the one who gets $1.25 an hour but averages only 1,200 hours of work annually. This ignorance or disregard of an economic essential must be combated with simple facts and figures, disseminated among workers and among consumers in general—a duty which business management owes to itself, to industry and commerce, and to the general welfare.

It is particularly desirable that this and similar lessons in everyday economics be presented clearly by management to employees. Workmen are not inclined to analyze the promises and plausible possibilities presented to them by advocates of higher wages. They have the rather common habit of dwelling more upon immediate gains than upon eventual benefits. They accept what is told them when that has a pleasing face value. They cannot be blamed for listening to those who profess an interest in their welfare. They will listen to management which really has this interest and can tell them much.

Conserve Your Own Resources

Agronomists warn agriculture against the somewhat popular delusion that a crop of legumes will provide nitrogenization of the soil even if the plants are cut for fodder or other use. They point out that to get the benefit of a soil-helping crop of legumes the plants must be plowed in. There is a lesson in this for manufacturing industry and business at large.

Business is quite "fertile" at the present time. It is producing a goodly "crop" of profits. Federal laws lay a number of limitations on the use that may be made of this "crop." They practically prohibit its being stored in reserve for a season of less productivity. They do not allow full freedom of selection of purposes in the plowing in of this "crop" to create still better "fertility." It is the expectation behind these restrictions that the "crop" will be harvested and distributed, as dividends, as wages, or as taxes. To do this will often be to deplete the "fertility" of a business.

Distribution of at least a part of the bumper "crop" of business profits in the payment of higher wages or in other expansion of the payroll is perhaps least exhaustive of the productivity of the business. But, this policy is not particularly attractive for several reasons, one of which is that wages already constitute a considerably larger than normal portion of business costs. Many business concerns, perhaps the majority, accept this condition with good grace and are gratified in being able to pay their workers well. But, they know that it is not economically sound to have particularly high points here and there in the graph record of wages, because this results in a disturbing unbalancing of the supply of skilled workers among various industrial groups. The groups which cannot pay wages of approximately the highest level cannot maintain an adequate equipment of men.

Another, and a more important, reason why further increasing of wages is not considered advisable as a means of better distributing the profits of a business is that it is most difficult to construct a practicable and satisfactory method of adjusting wages downward, as well as upward, as the productivity of the business may vary. Profit-sharing with employees is a desirable policy. Its application, however, meets a degree of inelasticity because of, at least, reluctance on the part of wage-earners to accept a commensurate share in inevitable losses.

—O-P-D—

Plow In The Profits

Business needs the profits it is now able to make. It needs them for leveling off the losses of the recent past; for the maintenance of the pace of the present; for the assurance of [illegible]able existence in the days to come. These needs cannot be supplied, either individually or collectively, by the dissipation of profits to feed a thousand schemes through the tax on surplus earnings. That method is destructive.

So, it is most desirable, as well as necessary, that a means be found to obtain for business the greatest possible direct benefits of its periods of best productivity. In practice, efforts to increase the buying power by paying higher wages spread the resulting earnings very unevenly among various groups of industry and sometimes leave the heaviest distributor with the lightest returns.

There is one means of plowing in the profits of eras of good productivity, which distributes earnings over a wide field of purchasing and at the same time returns directly to a business a large part of the aggregate benefits. This means is advertising. Money paid for advertising goes into many channels, reaches the pockets and the spending hands of a large and varied group of consumers. It also adds to the productive capacity and, more importantly, to the productive life of the business that uses it.

Of course, advertising expenditures can be almost useless in the latter respect and, like distribution in dividends, return little, if any, direct benefits. Their productiveness depends wholly on the manner in which they are applied—it is negligible when they are used merely as a "fodder." For the realization of their soil-enriching possibilities in the field of industrial advertising the OIL, PAINT AND DRUG REPORTER is an efficient plow.

—O-P-D—

Consider the Gasoline Tax

The petroleum industry plans, through the American Petroleum Institute, to increase the vigor of its fight against the diversion of State revenues from gasoline taxes to expenditures far removed from the expressed purpose and only justifiable basis for these imposts—the construction and maintenance of adequate and satisfactory roads. The industry's objective is a most commendable one.

In spite of the enormous sums spent by States for extension, improvement, and maintenance, highways, and especially minor arteries and still lesser vessels of vehicular traffic are far from satisfactory, even in the more progressive regions. Besides, the use of motor roadways continues to be attended with hazards and damages which cannot be reconciled with the present stage of civilization unless the propensity for warfare be accepted as typical. To this aspect of the highway problem much of the gasoline-tax revenues now diverted could well be applied.

The popularity of the gasoline tax as a source of revenue is attributable to the patent fact that this tax pays. It is selected also because it spreads the payment of taxes rather widely, and because, although it is in the category of the widely condemned sales tax, it is paid without any manifestation of the consequences popularly ascribed to such levies.

There is little reason to believe that the consequences of a general sales tax would differ appreciably from those of the gasoline tax. A general sales tax would not enormously increase the number of taxpayers. It would, one might reasonably expect, permit a reduction of the gasoline tax by providing from other sources the revenues now extracted from this tax for irrelevant purposes.

Canada has had a rather general sales tax for some time. It is not felt any more than are the gasoline taxes in the States on this side of the border. And a general sales tax, in spite of the large proportion of the population that contributes in gasoline taxes, is a still more equitable tax. What is of more importance is that it would spread tax-consciousness into circles where this would result in wide questioning of the validity of many needs for revenue. This may be the reason why the general sales tax is so vigorously opposed by those who construct political strongholds with governmental benefactions. Of course, the exemption from many other taxes which taxlayers enjoy is of some influence here—as it was in the refusal of the house to approve an income tax for the District of Columbia.

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Iodine

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CHAS. PFIZER & CO., INC.

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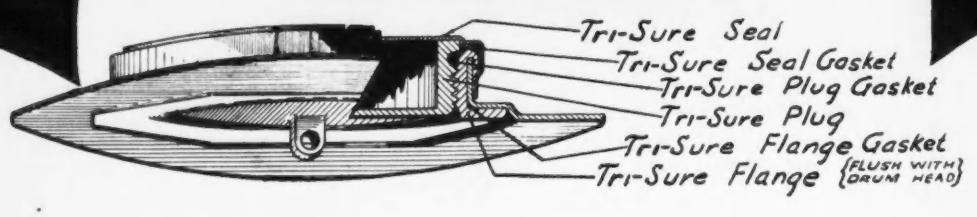

Tri-Sure Closures are being specified by a majority of the companies in the Oil, Paint and Drug field. To these companies, Tri-Sure Closures have proved themselves consistently under the most severe conditions of weather and transportation.

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Heavy Chemicals

Sulphuric Acid Prices Higher — Muriatic Acid Also Advanced —Alkalies Continue Active—Soda Nitrite Quotations Renewed —Chlorine in Good Demand—Methyl Chloride Firm

Business in the market for industrial chemicals was highly irregular during the week just closed. Labor unsettlement in the steel industry and numerous miscellaneous industries caused consumers to purchase cautiously. At the same time, sellers were busily engaged in making adjustments and revising price schedules for the third quarter. Changes in the market included an advance in battery, muriatic and sulphuric acids and a slight reduction in the lower less car lot brackets for nitric acid.

An advance in sulphuric acid was not unexpected, for a shortage has been noted in certain parts of the country for that product, particularly in the steel centers where demand has been heavy since the start of the year. Steel mill operations last week were slightly above the preceding week, but were running far below the same period a month ago, the decline reflecting the labor unsettlement in certain major independent steel plants. Curtailment of operations in the automobile industry slowed a number of chemicals. Chromic acid prices have been extended for the third quarter. Soda nitrite prices have also been renewed. White sal ammoniac quotations have been repeated. Alkalies continued firm. A firmer tone was noted in soda phosphate. Antimony metal was quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Acid, battery, c.l., 10c. per 100 lbs.
25 or more cbys., 10c. per 100 lbs.
1-9 cbys., 5c. per 100 lbs.
Muriatic, 18°, c.l., cbys., 15c. per 100 lbs.
25 or more cbys., 15c. per 100 lbs.
9-24 cbys., 10c. per 100 lbs.
1-9 cbys., 10c. per 100 lbs.
20°-22°, c.l., cbys., 30c. per 100 lbs.
25 or more cbys., 30c. per 100 lbs.
9-24 cbys., 25c. per 100 lbs.
1-9 cbys., 25c. per 100 lbs.
Sulphuric, 60°, 66°, c.l., cbys., 15c. per 100 lbs.
25 or over cbys., 15c. per 100 lbs.
10-24 cbys., 10c. per 100 lbs.
1-9 cbys., 10c. per 100 lbs.

Reduced

Acid, nitric, 10 to 24 carboys, 5c. per 100 lbs.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.3	**154.3**	**154.3**	**153.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Alums. — There was a favorable demand in evidence for commercial and iron-free alumina sulphate during the week just closed. Sellers reported a good inquiry for ammonia and potash alums. No change was uncovered in quotations. The call for soda alum was fair.

Ammonia, Anhydrous. — Business in this market continued on a broad scale during the week, producers reporting quotations were decidedly firm, for a good volume of business was reported on the books for shipments over the next quarter.

Ammonia, Aqua.—There was little to report in this market during the course of the week under survey; usual consumers supplied the call and quotations were held firm.

Ammoniac Sal. — Prices of white sal ammoniac have been extended for the third quarter. No change was uncovered in the gray product. Demand in the market as a whole indicated that consumers were covering for nearby production requirements.

Antimony.—There was a rather quiet demand noted in this market, sellers reporting prices were steady at the levels noted at the close of the previous week.

Antimony Oxide.—Business continued at a good pace throughout the week just closed, the ceramic industry was covering for actual production wants, and prices held firm at previous levels.

Arsenic.—The market for white arsenic continued to note an irregular demand, prices remained firm. The call for red arsenic revealed little change, in that the call was highly irregular, and prices held steady to firm at the levels in force previously.

Barium Salts.—The call for hydrate and nitrate continued at a good pace during the week, and prices were unchanged. The call for chloride was fair and no change was uncovered in quotations. Business in carbonate was spotty, quotations displayed a steady tone.

Bleaching Powder. — A good inquiry was reported for this product again last week. Quotations ruled firm. Producers were reported to have a substantial volume of business on the books for forward delivery.

Blue Vitriol.—Shipments were moving out at a fair pace throughout the week, sellers reporting quotations were firm. The call was strictly seasonal. Prices displayed a steady tone.

Calcium Acetate.—A fair demand was reported in this direction again last week, quotations were firm at previous levels.

Calcium Chloride.—This market continued to note a fair demand throughout the week just closed, the call being influenced by the warmer weather, resulting in substantial shipments moving for road work.

Carbon Bisulphide. — Although the market noted a highly irregular demand throughout the week, no change was disclosed in quotations, a steady to firm tone was in evidence.

Carbon Tetrachloride.—Cleaning fluid companies continued to withdraw fair sized commitments, and quotations ruled firm.

Chlorine.—This market continued to note a heavy call throughout the week, sellers reporting prices ruled firm at previous levels. A good volume of business was on the books for forward delivery.

Cobalt Oxide.—A firm tone prevailed in this market again last week, sellers reporting demand continued at a good pace.

Copper.—Business in the market for electrolytic copper continued at a good pace throughout the week. Sellers reported prices were firm. At one time during the week, copper in the foreign market sold a full one cent per pound under the domestic market, but a gradual firming up was noted in the price before the termination of the week.

Copperas.—A firm tone prevailed in this direction again last week. No change was disclosed in quotations. Sellers reported orders on the books for forward delivery measured up satisfactorily. Steel operations last week were at 76.6 percent of capacity, against 76.2 percent in the previous week, according to the American Iron and Steel Institute.

Fluorspar.—There was a good call in evidence for this product during the week, sellers reporting the market displayed a decidedly firm tone. The firmness in the price structure could be attributed to the continuance of a good demand from the steel industry.

Methyl Chloride.—The nation-wide schedule of prices for the refrigeration grade of methyl chloride, effective July 1, for delivery to any common carrier point in the United States follows:—In 60, 90 or 130-pound cylinders, spot or contract, for service men and consumers, 60 to 499 pounds, 40c. per pound; 500 pounds and up, 36c. per pound; multi-unit tank cars, 35c. per pound. The schedule for machine manufacturers and jobbers, spot or contract, in 60, 90 and 130-pound cylinders, 60 to 499 pounds, 36c. per pound; 500 pounds and up, 32c. per pound; in multi-unit tankcars, 31c. per pound. Prices in 20-pound cylinders are uniformly

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
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Talc - Clay - Waxes
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JOSEPH TURNER & COMPANY
RIDGEFIELD, N. J.
83 EXCHANGE PL. PROVIDENCE
630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
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CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

Sodium Silico Fluoride
Ammonium Silico Fluoride
STANDARD, DOMESTIC MATERIAL. INQUIRIES SOLICITED FOR SPOT, FUTURE AND CONTRACT
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Telephones: AShland 4-4817-4818 103 PARK AVE., NEW YORK, N. Y.

CARBON BISULPHIDE
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. . . . constantly dependable for half a century
BORIC ACID : CARBON TETRACHLORIDE : BORAX : TITANIUM TETRACHLORIDE . CAUSTIC SODA SULPHUR CHLORIDE SULPHUR : SILICON TETRACHLORIDE CREAM OF TARTAR SULPHURIC ACID : CARBON BISULPHIDE : TARTARIC ACID
STAUFFER CHEMICAL COMPANY
624 California St., San Francisco, Cal. • 2710 Graybar Bldg., New York, N. Y. • Freeport Texas
Carbide and Carbon Bldg., Chicago, Ill. Rives-Strong Bldg., Los Angeles, Cal.
Stauffer

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

10c. per pound higher than the above cylinder prices.

Potash Chlorate.—A fairly active seasonal call was noted in this market again last week, with the fireworks manufacturers supplying the major interest, and quotations continued to display a steady tone.

Saltcake.—The textile trade as well as the glass trade and papermakers were withdrawing representative quantities throughout the week, and quotations continued at the levels in effect previously.

Soda Ash.—Producers reported a good inquiry was noted in this market again last week. Prices ruled firm at previous levels. Considerable progress has been made in booking business for third quarter delivery.

Soda, Caustic.—Interest continued to be concerned with sizable shipments, the call coming from divers directions, and prices were firm. Producers were busily engaged in writing business for the next quarter at the levels in effect during the current quarter.

Soda Chlorate.—A good inquiry was noted in this market again last week, prices ruled firm.

Soda Cyanide.—Shipments were moving against contracts at a good pace throughout the week. No change was disclosed in quotations.

Soda Fluoride.—A fair demand was reported for this product again last week. The call came from the foodstuff industry and other usual channels of consumption. Prices were firm.

Soda Nitrate.—Prices have been extended for the third quarter. Demand was good.

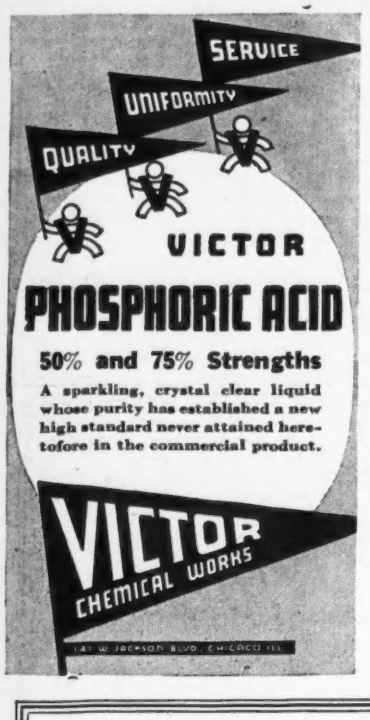
Soda Phosphate.—This market displayed a decidedly firm tone, sellers reporting scheduled prices continued in effect for the third quarter on both di- and tri-soda phosphate.

Soda Silicofluoride.—Business continued irregular during the week, prices were about the same as in effect in the preceding period.

Soda Silicate.—This market displayed a favorable inquiry at times during the period under survey. No change was uncovered in quotations.

Sulphur Dioxide.—Business here was fair during the week, sellers making a drive for third quarter shipments at the prices announced in the preceding period.

Tin Salts.—A barely steady tone prevailed in this market again last week. The barely steady tone could be attributed to the fluctuations in the basic metal market.



Acids

Business in the market for mineral acids continued good, the market being featured by an advance in prices for muriatic and sulphuric acids. The change in the nitric acid schedule consisted of slightly lower prices for the lower brackets, 1 to 24 carboys, while prices for 25 or more carboys and car lot quantities remained unchanged. Battery acid was also advanced. Chromic acid prices have been extended. The market for boric acid continued to note a firm tone, sellers booking business for third quarter delivery at the prices in existence for the second quarter. Acetic acid noted a steady tone.

Acetic.—A favorable amount of business was transacted in this market. No change was disclosed in quotations.

Battery.—A slight advance was noted in prices effective July 1. The schedule follows:—Straight or assorted carboys, car lots, $1.60 per 100 pounds; 25 carboys or over, $1.85 per 100 pounds; 10 to 24 carboys, $1.95 per 100 pounds, and 1 to 9 carboys, $2.55 per 100 pounds.

Boric.—This market continued to experience a broad demand, a good volume of business having been written for delivery over the next quarter, the prices for which represent an extension of quotations in effect in the second quarter.

Chromic.—Quotations have been extended to cover third quarter requirements. Demand was good, and considerable progress has been made in booking business for the next quarter.

Formic.—A firm tone prevailed in this market again last week. Sellers reported quotations were unchanged. The call was considered fairly good.

Lactic.—This market continued to note an active inquiry, especially from the beverage trade. No change was disclosed in quotations.

Muriatic.—A substantial demand was noted here. Prices effective July 1 are: 18 degree, car lots, $1.50 per 100 pounds; 25 carboys or more, $1.75 per 100 pounds; 10-24 carboys, $1.85 per 100 pounds, and 1 to 9 carboys, $2.45 per 100 pounds; 20 degree, car lots, $1.75 per 100 pounds; 25 or more carboys, $2 per 100 pounds; 10 to 24 carboys, $2.10 per 100 pounds, and 1 to 9 carboys, $2.70 per 100 pounds; 22 degree, car lots, $2.25 per 100 pounds; 25 or more carboys, $2.50 per 100 pounds; 10 to 24 carboys, $2.60 per 100 pounds, and 1 to 9 carboys, $3.20 per 100 pounds.

Nitric.—The schedule of prices effective July 1 follows: 36 degree, car lots, $5 per 100 pounds; 25 carboys or over, $5.25 per 100 pounds; 10 to 24 carboys, $5.35 per 100 pounds; 1 to 9 carboys, $5,95 per 100 pounds; 38 degree, car lots, $5.50 per 100 pounds; 25 carboys or more, $5.75 per 100 pounds; 10 to 24 carboys, $5.85 per 100 pounds; 1 to 9 carboys, $6.45 per 100 pounds; 40 degree, car lots, $6 per 100 pounds; 25 carboys or over, $6.25 per 100 pounds; 10 to 24 carboys, $6.35 per 100 pounds, and 1 to 9 carboys, $6.95 per 100 pounds; 42 degree, car lots, $6.50 per 100 pounds; 25 or more carboys, $6.75 per 100 pounds; 10 to 24 carboys, $6.85 per 100 pounds, and 1 to 9 carboys, $7.45 per 100 pounds.

Sulphuric.—Prices effective July 1 are: 60 degree, car lot, drums, $1.15 per 100 pounds; 5 to 8 drums, $1.40 per 100 pounds; 1 to 4 drums, $1.50 per 100 pounds; car lot carboys, $1.25 per 100 pounds; 25 or more carboys, $1.50 per 100 pounds; 10 to 24 carboys, $1.60 per 100 pounds; 1 to 9 carboys, $2.20 per 100 pounds; 66 degree, car lot drums, $1.40 per 100 pounds; 5 to 8 drums, $1.65 per 100 pounds; 1 to 4 drums, $1.75 per 100 pounds; car lot carboys, $1.50 per 100 pounds; 25 carboys or more, $1.75 per 100 pounds; 10 to 24 carboys, $1.85 per 100 pounds; 1 to 9 carboys, $2.45 per 100 pounds; 98 percent, car lot drums, $1.50 per 100 pounds; 5 to 8 drums, $1.75 per 100 pounds; 1 to 4 drums, $1.85 per 100 pounds; car lot carboys, $1.60 per 100 pounds; 25 or more carboys, $1.85 per 100 pounds; 10 to 24 carboys, $1.95 per 100 pounds; 1 to 9 carboys, $2.55 per 100 pounds; oleum, 20 percent, car lot drums, $1.60 per 100 pounds; 5 to 8 drums, $1.85 per 100 pounds; 1 to 4 drums, $1.95 per 100 pounds; oleum, 65 percent, car lot drums, $2.20 per 100 pounds; 5 to 8 drums, $2.45 per 100 pounds, and 1 to 4 drums, $2.55 per 100 pounds. Prices are thirty days net.

BALTIMORE, June 16, 1937.—The market for sulphuric acid has so far shown no easing tendency, and supplies of acid outside of the deliveries made on contract are still scant or non-existent. Just what acid would be worth if it could be supplied, remains a problem, and the only guide to the market is to be found in the nominal quotations that have served for some time as a means of measurement. These nominal quotations stand at $13 per ton for 60 degree and at $16 per ton for 66 degree acid. The prevailing firmness of the market would, of course, experience some modification if important additions to production were made, but the new plant is not expected to get into operation before August 1, almost two months behind the estimated time. Oleum also is holding its own with marked stubbornness, and the figure mentioned stands at $17 per ton for 20 percent supplies.

Insecticides

The market for agricultural insecticides and fungicides noted a fair demand. Prices were firm. Several important insect pests, notably grasshoppers, chinch bugs, and fruit aphids, are getting under way more slowly than usual, according to the Department of Agriculture. On the other hand, many worms that feed on crops are out in great numbers and already have done much damage. The weather—a backward spring in some parts of the country and normal elsewhere—is largely responsible for present insect pest conditions. Grasshoppers are hatching in the Great Plains and in the upper Mississippi Valley, but not very extensively as yet in the East Central States, where spring has been cool and wet. They are expected to be a serious problem this summer, however, and the Department is cooperating with some 23 states in a control campaign. Mormon crickets, far more numerous in the Northwest than last year, are occurring in much larger numbers than expected—four or five times as large in many places, especially in Montana and Wyoming. They laid their eggs last year in some crop lands, as well as in the waste lands, their customary egg-laying ground. Crickets have hatched out in the waste lands and are migrating to cultivated areas.

IF you wish to be well regarded as a customer, you will not retain returnable containers beyond the time when your suppliers expect to get them back.

Several kinds of insects are unusually active—cutworms nearly everywhere, especially in the East Central States, where climbing cutworms have been very destructive; army worms in the Mississippi Valley, from Mississippi and Arkansas as far north as Illinois and westward through Oklahoma to Texas, and also in eastern Virginia and on the eastern shore of Maryland; corn ear worms on field corn in Florida and Georgia and around the Gulf to Louisiana, and on sweet corn in Los Angeles County, Cal. A curculio, first found in the United States last year, again is attacking a wide variety of crops, including velvet beans, peanuts, corn, and cotton, in Okaloosa County, Fla. Heavy flights of May beetles in the South Atlantic States and in Kentucky left many trees completely defoliated. The white grubs of these beetles damaged pastures in Minnesota.

The chinch bug has been slow in leaving winter quarters in the East Central States, but is out in many South Carolina and Mississippi fields. The pea aphid, though comparatively scarce so far in Wisconsin, where usually it is a serious pest, is attacking alfalfa in Virginia, Kansas, Utah, and the Pacific Northwest and peas in southeastern Virginia, in Delaware and Maryland and in parts of Ohio and Utah. More clover leaf weevils than usual have appeared in the East Central States and westward to eastern Kansas and Iowa. Codling moth infestations are moderate to high. The spring brood was almost entirely out in Georgia by the third week in May. It began to come out early in May in Delaware and the middle of May in west central Virginia and in Pennsylvania. None had appeared in upper New York by May 24. The moths reached the peak of their emergence in Missouri and southern Illinois the last week in May. The first adult moths were observed in southern Ohio on May 17.

Fruit aphids, in general, are decidedly less troublesome than usual. The plum curculio infestation in the Georgia fruit belt is believed to be the lightest in 18 years. Eastern tent caterpillars, though as a whole not so numerous as last year, are more numerous in some places in the North Eastern and Middle Atlantic States.

The seed corn maggot is occurring in large numbers in the lower Mississippi Valley from Kentucky and Missouri westward to Nebraska and Oklahoma. It has damaged peas in the State of Washington and beans in Maryland and Virginia near Washington, D. C. The Mexican bean beetle in hibernation cages at Columbus, Ohio, shows the heaviest winter survival in many years. It began to appear early in May in Virginia, Georgia, and Alabama. By the last part of the month it was active as far north as Maryland. There are more boll weevils than at any time since 1933 in parts of South Carolina, but less than for many years in Georgia, the Delta section of Mississippi, and Louisiana. The numbers

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

If there is a possibility that you could use some of our products either in their present or some adapted form, or if our experience would enable us to develop new chemical products for your use, our staff and laboratories are available to you. Such cooperative endeavors are held in the strictest confidence.

Oldbury
Electro-Chemical
Company

Plant and Main Office:
Niagara Falls, New York

New York Office:
22 East 40th Street, New York City

Phosphorus and phosphorus products. Sodium chlorate.
Potassium perchlorate. Oxalic acid

emerging in Texas have been exceeded only three times in the last twelve years. The pink bollworm, coming out in large numbers the last week in April in the Big Bend of Texas, probably survived the winter better than a year ago. Cankerworms were stripping leaves from elms and other trees in northeastern Missouri at the end of May and also, though less extensively, in New England, New York, Ohio, Indiana and Oklahoma.

Bordeaux Mixture. — A fair buying movement continued in evidence for this product. Prices remained firm.

Calcium Arsenate.—This market offered little variation from recent weeks, in that demand was irregular. Quotations were unchanged.

Lead Arsenate.—Interest was fair in this market at times during the week. No change was disclosed in quotations.

Fluorspar Shipments in 1936 at Record Levels

Increased demand for fluorspar chiefly by manufacturers of basic open-hearth steel and hydrofluoric acid, the two largest consumers, was reflected in a consumption of 181,600 short tons of fluorspar in 1936 compared with 137,400 tons in 1935. This increased demand resulted in reopening many inactive mines, developing several new mines and prospects, and resumption of operations by others. As a consequence, mine production and shipments of fluorspar in 1936, as well as imports, were substantially higher than in 1935. So great was the demand that shipments from domestic mines in 1936 have been exceeded in only three years—1917, 1918, and 1920.

Total sales of fluorspar to consumers in the United States in 1936 were 201,148 short tons, of which 176,231 tons were from domestic mines and 24,917 tons imported, compared with a total of 140,047 tons in 1935, of which 123,741 tons were from domestic mines, and 16,306 tons imported.

The following table shows the shipments of fluorspar by kind in the United States in 1936 and 1935:—

	1936 Short tons.	1936 Value.	1935 Short tons.	1935 Value.
Gravel	147,905	$2,421,128	105,460	*$1,455,057
Lump	11,967	280,666	5,268	101,578
Ground	16,359	490,474	13,013	304,023
Totals	176,231	3,111,268	*123,741	*$1,860,658

* Revised figures.

The following table shows the shipments of fluorspar by uses in 1936 and 1935:—

	1936 Short tons.	1936 Value.	1935 Short tons.	1935 Value.
Steel	141,618	$2,296,702	*101,168	*$1,392,661
Foundry	2,326	36,720	2,336	29,068
Glass	11,014	207,290	10,256	227,917
Enamel and vitrolite	5,249	129,206	4,087	100,686
Hydrofluoric acid and derivatives	12,627	326,048	3,333	74,732
Miscellaneous	3,157	51,124	2,248	30,923
Exported	240	4,079	313	4,651
Totals	176,231	3,111,268	*123,741	*$1,860,638

* Revised figures.

The stocks of fluorspar at mines or at shipping points on December 31, 1936, were 53,981 short tons, a decrease of 16 percent. These stocks consisted of about 24,000 tons of crude fluorspar (calculated to be equivalent to 12,700 tons of ready-to-ship fluorspar) and 29,958 tons of ready-to-ship fluorspar. The stocks at mines or at shipping points on December 31, 1935, were 24,000 tons (revised figure) of crude fluorspar (calculated to be equivalent to 10,700 tons of ready-to-ship fluorspar) and 39,989 tons (revised figure) of ready-to-ship fluorspar.

American Flange President To Revisit Europe Shortly

R. L. Parish, president of the American Flange & Manufacturing Company, this city, will sail for Europe shortly to resume several matters in which he was interrupted by a necessity of returning to this country about the middle of May. The major reason for Mr. Parish's curtailment of his previous visit was his interest in the proposal to change the I.C.C. specifications with respect to flanges on certain types of steel drums.

The Bureau of Explosives scheduled a hearing for May 19 on a proposal to require welded flanges on I.C.C.5 steel drums, on which pressed-in flanges have been approved. As the largest manufacturer of flanges of the latter type, Mr. Parish's company naturally was interested in this proposal, and he collected for the hearing a deal of testimony from satisfied users of drums fitted with its "Tri-Sure" flange. The Bureau of Explosives, finding no evidence to the contrary either in the proceedings or in its records, suspended consideration of the proposed change indefinitely.

The matter should now rest entirely satisfactory to all concerned, and those desiring either type of flange can have their choice by simply specifying that preference when ordering drums. To change this obviously satisfactory situation would involve giving one or the other type flange a monopoly, which is unwarranted and undesirable from every point of view. Mr. Parish has done a good job of protecting his rights, as well as those of drum users to select what they desire. He deserves congratulations on his success.

Prof. Thomas Completes 25 Years at Columbia

Arthur W. Thomas, professor of colloid chemistry, has just completed his twenty-fifth year as a teacher in Columbia University. He was appointed an instructor in 1912 and in 1915 started one of the first colloid courses in the country. He is credited with advancing greatly the systematization of the tremendous amount of apparently unrelated data in this field. He is the originator of a chemical theory which explains the peculiar behavior of certain metallic colloids. This theory is being applied in industrial pursuits such as the preparation of pigments. Earlier contributions were made by him to the knowledge of leather chemistry, protein chemistry, and foods.

Professor Thomas has served as chairman and vice-chairman of the New York section of the American Chemical Society, and has been chairman of the society's leather division. He is also a member of the American Association for the Advancement of Science, the Society of Biological Chemistry, the Leather Chemistry Association, and the Oil Chemists' Society. He is a member of the Chandler Medal Committee at Columbia.

A. S. T. M. Nominates Officers for 1937-38

The following have been nominated for officers of the American Society for Testing Materials, for the year 1937-38:—President, A. E. White, director, department of engineering, University of Michigan; vice-president, H. H. Morgan, of the Robert W. Hunt Co., Chicago. Members of the executive committee:—P. H. Bates, National Bureau of Standards; H. F. Clemmer, Washington; G. E. F. Lundell, National Bureau of Standards; H. C. Mougey, research laboratories division, General Motors Corporation, Detroit; R. L. Templin, chief engineer of tests, Aluminum Company of America. Official notice of the election will be given at the first session of the annual convention, to be held in the Waldorf Astoria hotel, this city, from June 28 to July 2.

W. H. Wanger, chief of the mechanical metallurgy section, and G. F. Wohlgemuth, associate metallurgist, both of the National Bureau of Standards, have been chosen as winners of the Charles B. Dudley Medal for 1937, and the medal will be awarded during the convention.

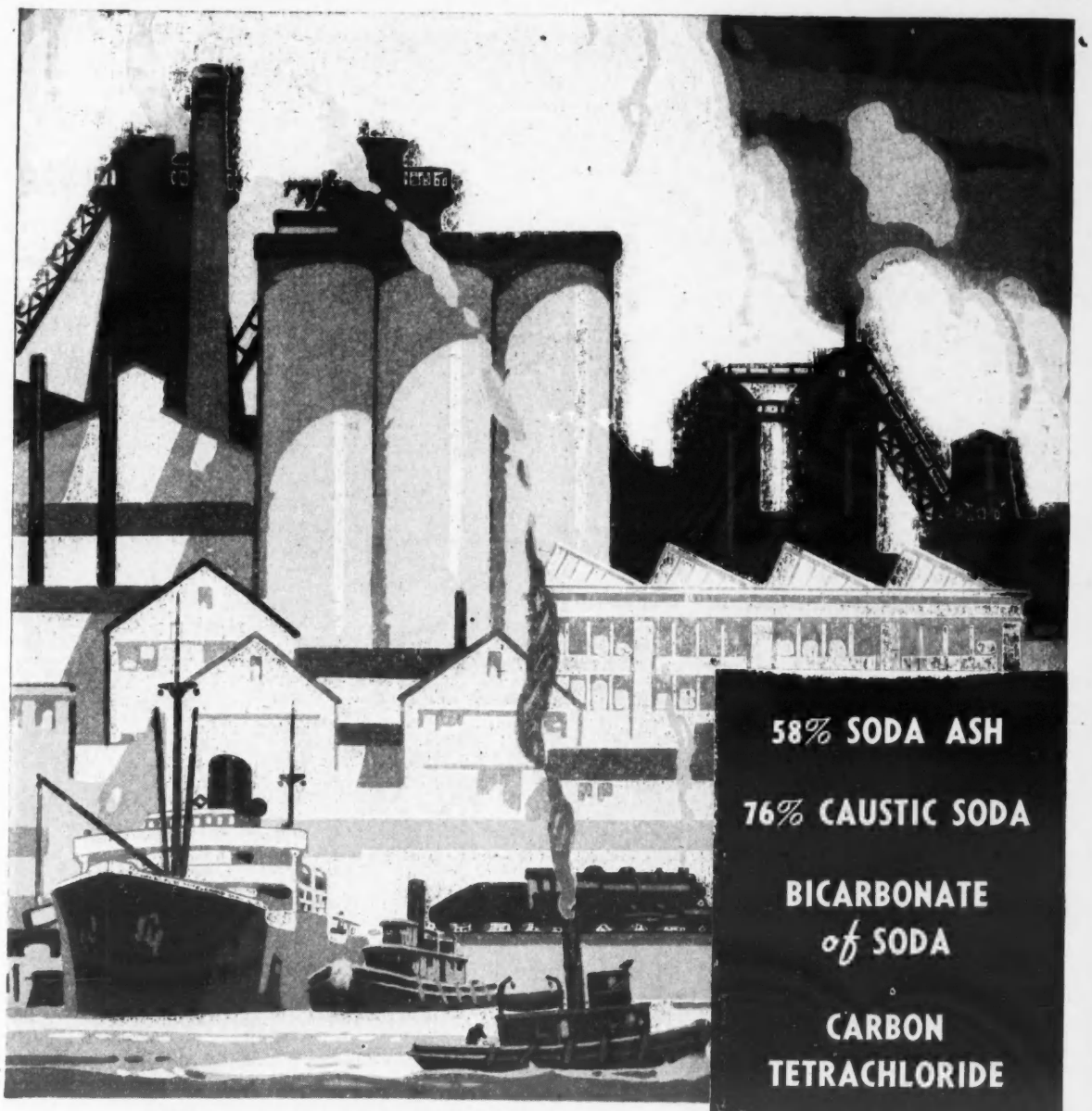
Chemical Salesmen Give Trophy for C.C. Golf

The Salesmen's Association of the American Chemical Industry has donated a golf trophy for the tournament in which members of the Chemists' Club, this city, and their friends will participate at the Winged Foot Golf Club, Mamaroneck, N. Y., June 22. The trophy will become the permanent possession of the player winning it three times.

Charles Hardy, of Charles Hardy & Co., is a member of the Winged Foot Golf Club and he will act as a host at the tournament.

Robert J. Quinn, of the Mathieson Alkali Works, 60 East Forty-second street, is in charge of the tournament, and his telephone is Murray Hill 2-5100.

H. G. Mackelcan, vice-president of Innis, Speiden & Co., this city, returns from Europe on the Bremen, sailing from Southampton June 22, following an extended trip through Czechoslovakia, France, Germany and England.



Paper Bags for Chemicals

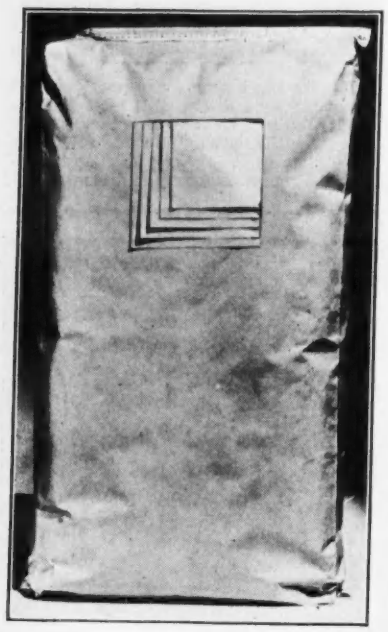
By R. W. Lahey

American Cyanamid Company

Paper, Illustrated with Specimen Bags and Motion Pictures, Presented May 25, 1937, at the Meeting of the Chemical and Allied Products Buyers' Group of the National Association of Purchasing Agents.

During the recent depression years, shippers, in their search for economy, have been exceedingly active in their efforts to reduce container costs. In this they have been greatly aided by container manufacturers themselves in an effort to broaden their markets. Thus some manufacturers have been adopting stainless steel, aluminum, or lacquer-lined steel drums to replace glass containers and tight wooden barrels, light-gauge single-trip drums to replace returnable drums, fiber drums to replace steel drums, and multiwall paper bags to replace textile bags and slack barrels.

We are concerned today only with multiwall paper bags. They may be defined as being constructed, not of a single heavy sheet, but of from three to as high as six walls of relatively light-weight kraft paper so arranged, in tubular form, one within the other, that each bears its share of the burden.



Multiwall Paper Bag Cut Out to Show the Plies

These multiwall paper bags are a little over ten years old and, therefore, must be classed among the youngest of the container family. From the first they proved to be lusty and forceful infants. They have firmly entrenched themselves in the rock products industry, completely displacing returnable textile bags and barrels for lime and plaster, and are rapidly doing so in the cement industry.

More recently multiwall bags have come into use for a wide variety of chemicals, fertilizers and for food products as well. They are being shipped in all types of transportation services including movement by less than carload and by water. To accomplish this it was necessary in some cases to increase the strength of the containers. Now we can buy paper bags which will withstand all types of transportation abuses including trips of thousands of miles by rail or by rail, water and rail again involving as many as six or eight handlings.

In some instances it was also necessary to provide extra protection against moisture, alkalies, acids, and even grease.

A contributing factor to this development of the multiwall bag for commodities other than rock products is the improvement which has been made in packing machinery, greatly increasing the number of products which can be weighed and packed automatically into valve type bags. Certain improvements in methods of closing open-mouth bags have also had a part in this expansion. These containers are now in a position to actively compete in every way with the more expensive paper-lined textile bags and slack barrels.

Development of Construction

The first large paper bags developed were patterned from the grocery bag and were of either single—or double—wall construction with pasted bottom. So many improvements have been made since that time that the modern multiwall heavy-duty paper bag of today is an entirely different container. Those of us who judge bags by the old single-wall or double-wall containers must change our thinking as these bags cannot be compared.

Multiwall bags are of two general types—pasted bottom and sewed bottom. We are all familiar with these two types. In general the sewed closure is stronger than the pasted closure; but, if pasting is done properly, allowing sufficient time to season, it makes a very effective closure.

Both of these classifications of bags are manufactured in the open-mouth construction and in the valve construction. In the case of the latter, both ends are closed at the bag factory, leaving a small opening in one corner through which the material is injected by means of special packing apparatus. As the bag is withdrawn from the tube of the filling machine internal pressure of the contents forces a flap of the bag material against the filling opening, thereby providing an effective seal. To completely seal the valve opening as is necessary for some commodities, valves having sleeves are used. These sleeves, after the bag is filled, are folded over so as to effect a tight closure.

Paper Bags Have Decorative Possibilities

The open-mouth type bag may be closed by tying with wire or string, or by machine sewing. It is generally recommended that the sewed type of closure be used as it is stronger. There are several types of equipment on the market for making sewed closures, such as sewing with filler cord, and sewing and taping.

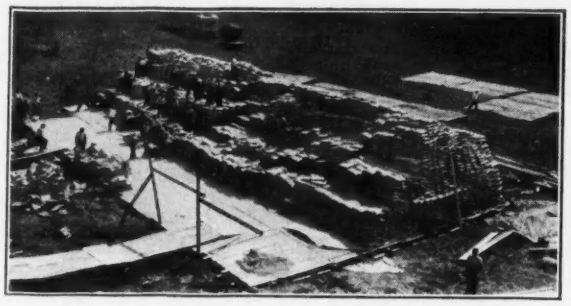
The two factors which determine the strength of multiwall paper bags are the closures which have just been discussed and the number of plies and weight of paper used in the walls of the bags. It is impossible to recommend a general construction due to the varying transportation, handling, storage, and distribution services which containers must withstand. There are bags in service varying in construction from two plies containing a total of 100 pounds basis weight of paper up to bags of six plies containing 330 pounds basis weights of paper. The paper used varies in weight from 40 pounds which is most popular up to 70 pounds basis weight. A bag which is filled at one factory and moved in carload lots to another factory where it is used does not have to be as strong as a container which moves in carload lots to a warehouse and is then trucked or shipped less carload to its ultimate destination.

Use Affects Construction

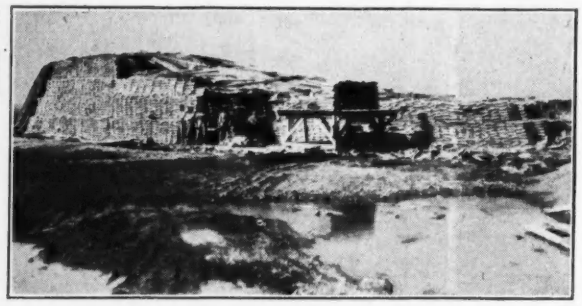
The physical characteristics of the products to be packed have a bearing on the required strength, as pulverized materials tend to absorb shock; whereas, granular or lump materials transmit the shock to the containers.

Unless you have had extensive experience with these containers, it is advisable to have the bag manufacturer recommend the bag size and construction but he must be given complete information on the transportation, filling, closing, storage, and handling conditions. The value of the commodity is also a factor in determining the construction. It is always better to start with a bag stronger than required during the introductory period, because no chances should be taken in incurring the ill-will of your customer toward the new container. Later you will be in a much better position to cut down the strength of the container to a more economical basis.

The question of protection against the absorption of water vapor is a major consideration when choosing containers for some products. Multiwall paper bag manufacturers are constantly searching for better types of coatings and papers. Ordinary kraft paper is resistant to water and moisture to a considerable extent. The contents of a paper bag left in the field will probably not be damaged by a shower of rain; but, if it remains in water for several hours, the bag will be pene-

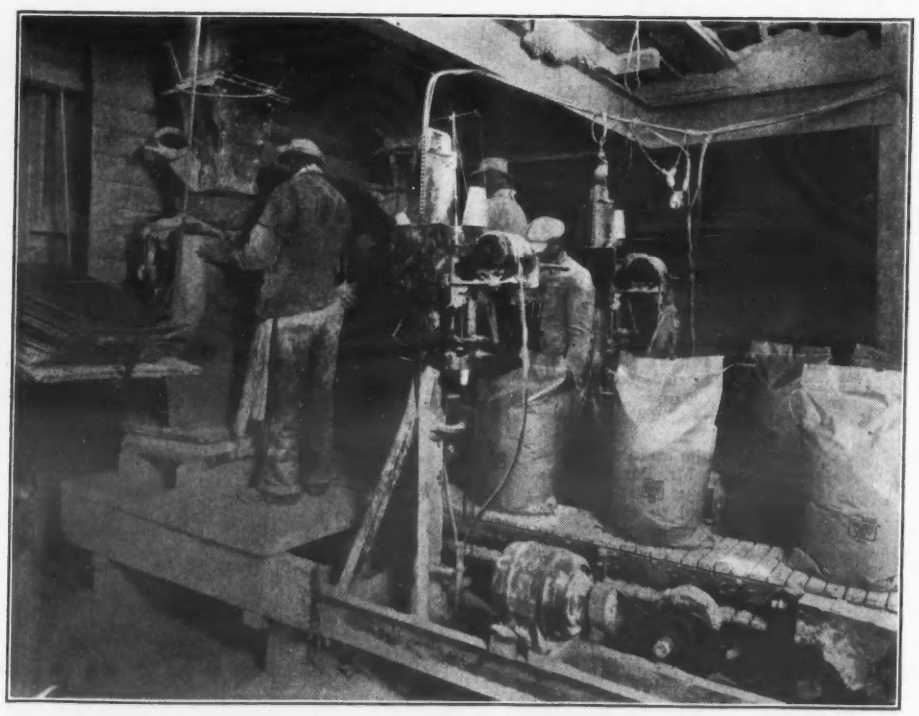


Paper Bags Stack Well



Multiwall Paper Bags Resist Moisture

Fully Automatic Bag-Packer



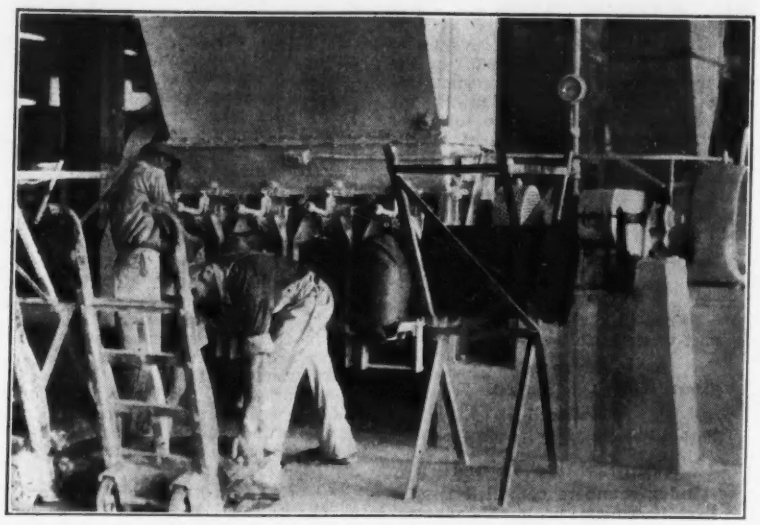
Bag-Packers Handling Superphosphate

trated and the product probably spoiled.

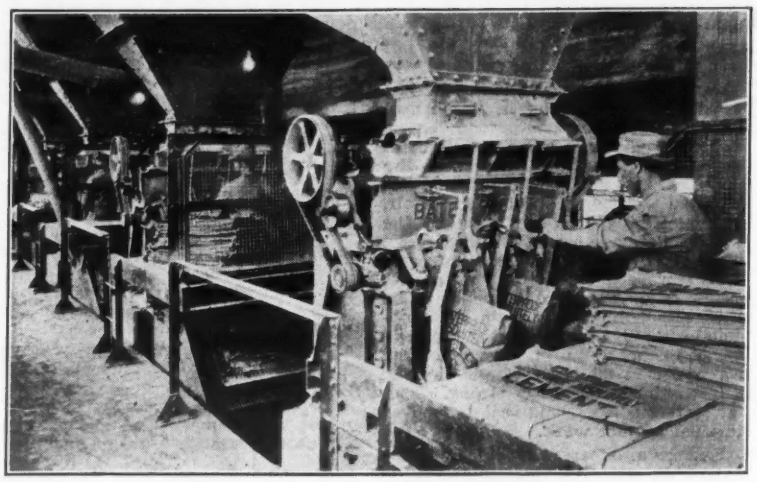
Atmospheric water vapor is more difficult to control as it will permeate the tightest sheet of untreated paper. Paper being formed of fiberous material is porous, and therefore the only way to guard against this is to use a coated sheet or a laminated sheet which consists of two layers of paper held together by the moisture-resisting agent. The moisture-resisting material must be sufficiently flexible to withstand the folding operation of the bag-making machinery. It must also be able to withstand low Winter temperatures without cracking and high Summer temperatures without melting. Several types of materials have been used, the more important of which are asphalt and wax. Sheets of chlorinated rubber and moisture-resistant, transparent cellophane have also been used by laminating to paper with an adhesive or asphalt. These latter methods of protection are considerably more expensive and therefore limited in use.

Protection against alkalies and weak acids is obtained through the use of an inner ply of asphalt-impregnated or laminated paper.

Recently special asphalt laminated sheets having sisal or similar fiber reinforcement have found uses in particular cases. One food company uses a bag with one sheet of this paper as a buffer ply to resist snagging and abrasion, add to the strength, and also supply the required amount of protection against the transmission of water vapor.



Low-Setting Four-Tube Bag-Packer



Bag-Packers Handling Cement

Filling Practice

If the volume of material to be packed is sufficient, the use of automatic packing equipment will prove economical. The manufacturers of valve bags have developed several types of packers which can handle and automatically weigh many types of powdered and granular materials. The speed of these packers vary from eight to nine tons to 50 tons per hour, per man. There is an automatic machine for open-mouth bags which automatically packs, weighs, and closes by sewing and taping, and this machine has a production of from 30 to 50 tons per hour.

If the production rate does not require this packing speed, regular automatic or ordinary scales will serve in conjunction with a sewing machine with or without the taping device for closing the bags. This array of machinery gives the shipper a liberal choice, and it is almost certain that some combination of equipment can be obtained which will prove practical and economical. Even if no automatic filling and weighing machinery can be found to handle a product, the present equipment can be used for filling paper bags with the addition of a bag-closing unit.

It will be found that stapling of the gussets will prove helpful in the closing of bags by the sewing method.

Handling Methods

Paper bags are handled somewhat differently than textile bags, and upon the adoption of these containers your customer should be instructed in proper handling methods. This can be done by the use of a car placard or by circulars containing the instructions. The recommended method of carrying the bag is to hold it at diagonal corners so that the center of the bag rests against the stomach to balance it and ease the strain. Hands should be used as hooks rather than to grip it. In picking up a bag by the end never grip the corners as this is harder on the hands and has a tendency to tear the tape. Pasted-end bags must be lifted by holding them at diagonally opposite corners.

Special hand trucks with solid metal platforms are used extensively for handling paper bags but most other types of trucks can be used. If the lips are narrow, a piece of wood can be easily fastened to form an adequate platform. Wheel guards, exposed metal straps, nuts, and bolts, should be covered. Some workers tie a burlap bag or heavy cardboard over the front of the truck —the cover should have some stiffness or rigidity for adequate protection. This also applies to projecting metal hardware on auto trucks and wagons.

The use of slings to move bags in and out of freight vessels should be confined to the platform and canvas types. If the platform slings are used the drafts should not be allowed to drag over or land directly on the paper bags. A platform of dunnage should be fashioned into a landing place. Rope slings can be used only by the most experienced longshoremen and then only in an emergency.

Advantages of Paper Bags

The advantages which will be found in the use of these paper bags may be summed up as follows:

1. Economy.
2. Freedom from contamination, including dirt and moisture.
3. Ease of handling.
4. Low tare weight.
5. Economy of storage space.
6. Economy of dispensing.
7. Advertising value—paper bags may be imprinted (before they are made) in almost any desired manner.

In closing, I wish to emphasize the fact that not only has the multiwall paper bag entered the chemical industry to stay but its fine record is leading to its use for an increasing number of products. As evidence of this more than 500,000,000 multiwall paper bags were used last year to transport some 25,000,000 tons of varied materials.

Electroplaters Elect A.B. Wilson President

(Continued from page 3)

standard method, he stated, for determining thickness is metallographic. As this method is rather slow and requires expensive equipment, more rapid methods have been devised for special purposes. He stated among these are various stripping methods, the dropping test, the chord method, and the recently published jet method. He emphatically declared that all these methods have one common failing in that they destroy the coating which they test. He added the proposed magnetic method for nickel coating is limited to deposits on non-magnetic base metals, such as copper, brass and zinc base die-castings.

A feature of this method, he stated, was that it is adaptable for controlling the thickness of plating on the entire production of the plant, aside from the fact that it is rapid and non-destructive.

A report was also presented on the effect of free cyanide on the cathode efficiency of silver plating solutions by a member of the Philadelphia branch of the society, and a paper was presented by Frank J. Kohlmeier, of the Bausch & Lomb Optical Company, Rochester, discussing the lack of knowledge of cyanide copper plating.

It was voted to hold the 1938 convention in Milwaukee.

Trade News Briefs

Hugh Pearson, of U. S. Kalsomine Company, this city, is at home recovering from a heart attack and expects to return to his desk next week.

S. Stroock, of Stroock & Wittenberg Corporation, varnish resins and synthetics, this city, is at the Doctors' Hospital recovering from an operation on his leg.

Brooklyne Chemical Works, manufacturer of blue vitriol, Brooklyne, Baltimore, has completed another large addition to its plant and is expanding its operations.

Pure Oil Company has filed an amendment to its registration statement with the Securities and Exchange Commission delaying the proposed offering date of its securities to July 9.

Continental Can Company's common stockholders aggregated 32,751 on June 2, the largest number in the company's history. The average holding is 87.1 shares. At the beginning of 1923, the list of stockholders totalled fewer than 1,000 names.

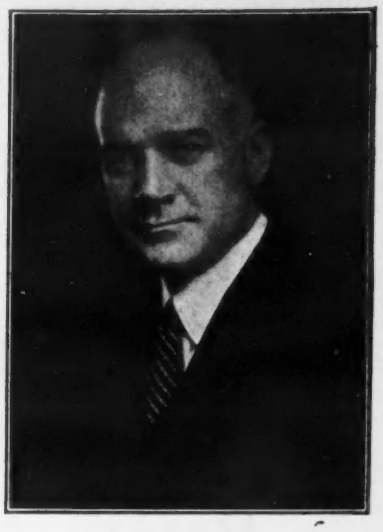
David M. Ross, director of James Miller Son & Co., Ltd., Glasgow, Scotland, factors in cresylic acid, has been visiting the trade in this country and traveled west to Kansas City, Mo., visiting Chicago, St. Louis, Pittsburgh, Buffalo, Baltimore and Philadelphia. The firm is represented in this country by E. DeWitt Osbourne, import and export agent, this city.

E. DeWitt Osbourne, import, export, and general agent, this city, represents in this country the following foreign companies:—Adeps Lanae, Ltd., Bradford, Eng.; C. W. Fields, Ltd., Liverpool, Eng., supplies of essential oils and manufacturers of saponin; N. W. Samarasekera, Matara, Ceylon, producer and distributor of citronella oil and other products native to the country; and Carnegie Brothers, Ltd., London, manufacturer and distributor of fine chemicals.

John R. MacGregor Leaves Eagle-Picher

The Eagle-Picher Lead Company reports with regret the resignation of John R. MacGregor, vice-president, who had been associated with the company for twenty-eight years.

Mr. MacGregor went to the Picher Lead Company, now Eagle-Picher, in 1909 from the Detroit White Lead Works, where he had been chief chemist and dry color superintendent. He covered the entire territory west of the Alleghenies and south of the Virginias as salesman. In 1916 he was made assistant sales manager and in 1927 general sales manager.



John R. MacGregor

For the past fifteen or twenty years, Mr. MacGregor has been intimately associated with virtually every technical question which has affected the paint and varnish industry. During the time when the trade was aroused over the "granulation" of paint, he suggested a method of ocularly demonstrating the formation of insoluble soaps, and the results of his work in this field led to exhaustive research by the committee on protective coatings of the American Society for Testing Materials. Mr. MacGregor also has been associated with and prompted many similar investigations. He is the originator of many forceful and practical demonstrations on the behavior of various pigments oil and fostered the theory, now alm an axiom of the industry, that ' higher the lead content, the better the paint."

Mr. MacGregor's name has been well known in the trade for many years through his tireless energy in connection with the paint-up and clean-up campaigns. He is called "The Father of the Paint and Varnish Production Clubs," and has spoken before several of these clubs during the last several months on the subject of paint visibility.

It is Mr. MacGregor's present intention to take a vacation with his family at their home in Chicago before resuming active work.

Chemical Salesmen Golf Match

The Salesmen's Association of the American Chemical Industry held its initial tournament of the season June 15 at Baltusrol Golf Club, Short Hills, N. J. More than 95 members and guests participated. The winners were:—Low net, Class B, T. S. Nichols, Grasselli Chemicals department of E. I. du Pont de Nemours & Co.; Class A:—F. J. Lueders, of Geo. Lueders & Co.; kickers, Edward S. Burke, of Edward S. Burke Company, and T. Major, Bakelite Corporation; low putts, A. Kammar.

The second tournament will be held July 13 at the Green Meadow Country Club, Harrison, N. J. Bart Sheehan, of the Grasselli Chemicals department, Empire State Bldg., this city, is chairman of the entertainment committee.

United Carbon Company and the Warfield Natural Gas Company have filed suits to enjoin the Secretary of State of Kentucky from issuing land patents to 48 acres of land in Martin county to James H. Maynard. It is charged in the petitions that the lands are not vacant or unappropriated but are covered by other titles on which the companies are exercising oil and gas leaseholds.

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Write for convenient chart of Barrett Coke Oven Light Oil Distillates and for complete information on their characteristics and recommended uses. We will gladly cooperate in matching the correct solvent to your processes, or in developing special solvents to meet particular needs.

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SOLVENT NAPHTHA
HI-FLASH SOLVENT

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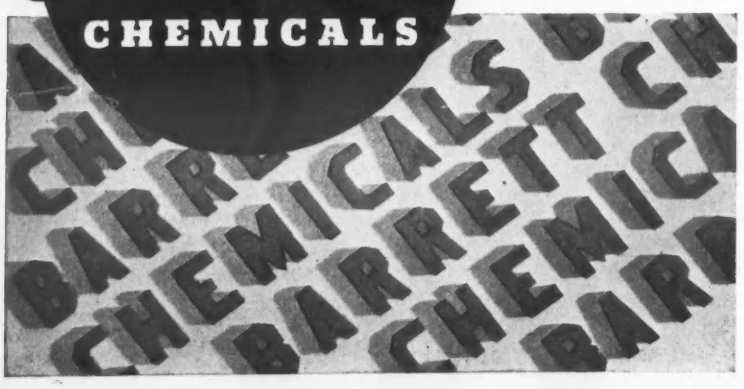

Coaltar Chemicals

Shingle Stain Oil Higher—Crude Naphthalene Dull—Benzol Firmer —Toluol and Xylol in Good Demand—Cresylic Acid Strong —Heavy Call for Phthalic Anhydride

A good demand was noted in the market for coaltar chemicals during the week just closed. Manufacturing consumers continued to order out supplies in volume sufficient to cover for nearby requirements, and consumers, as well as sellers, were building up inventories on certain products as a result of the prolonged labor strike in certain independent steel plants. Changes in the market included an advance in prices for car lot and less car lots of shingle stain oil and a decline in crude naphthalene.

Reduction in crude naphthalene was not unexpected, because of the rather drab demand noted in the current market. The freer offerings from abroad were said to be due to the heavy domestic recovery in 1937, and indications were that the domestic recovery will be further increased in 1938. Despite this broad domestic recovery, which has been estimated in trade circles at approximately 70,000,000 pounds, the call has been sufficient to absorb the output, as well as the heavy importations from abroad. A factor to be considered is the heavy production of phthalic anhydride, shipments of which are equivalent to actual production. Just what the prices for naphthalene will be for 1938 has not been definitely defined as yet.

Benzol prices appeared firmer last week. This firming up in the benzol price structure could, to a good degree, be attributed to the labor unsettlement in the steel industry. Apparently, the steel strike in independent plants was expected to be a prolonged affair, judging from the stands taken by the labor leaders and steel executives. As a result, some sellers and consumers of benzol were building up inventories moderately. Toluol displayed a firm tone, although reports from the automobile industry had it that output was lower. Phenol was firm. A good demand was reported for creosote oil. Cresylic acid continued decidedly strong. Coaltar intermediates and colors moved through a quiet week.

Extensive experiments in Germany have demonstrated the suitability of coaltar oils as fuel for operating Diesel engines, when containing small quantities of so-called "Kogasin," a high-boiling intermediate product of the Fischer synthetic gasoline synthesis process.

Tar oils in the past have been found unsuited for use in Diesel engines instead of ordinary Diesel oil owing to their poor combustibility and the heavy carbon residue and thick smoke they produce. However, by the addition of as little as 10 percent "Kogasin" the quality of the tar oils as Diesel fuel is said to be greatly improved, according to the American Consulate offices at Frankfort-on-Main.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Shingle stain oil, 1c. per gal.

Reduced

Naphthalene, crude, 25c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.2	**127.2**	**126.7**	**126.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The market continued to note a broad demand during the week just closed. Some consumers, as well as sellers, were building up inventories. Such action was brought about by the labor strike in the independent steel plants. This step was being taken because of the indications that the labor dispute would probably be a long drawn out affair. Steel operations last week were 76.6 percent of capacity, against 76.2 percent in the previous period, according to the American Iron and Steel Institute. A month ago operations were at 90 percent and a year ago at 70 percent. Consumption of crude rubber by manufacturers in the United States for May was estimated at 51,753 long tons, which compares with 51,797 long tons for April. May consumption shows a decrease of less than one percent under April and is 2.2 percent over May a year ago, according to the Rubber Manufacturers Association. Consumption for May was 50,612 long tons. May reclaimed rubber consumption was estimated at 14,693 long tons, production 15,793 long tons, stocks on hand May 31, 14,647 long tons.

Cresol.—Business was good again last week. Prices were decidedly firm at the levels in force previously.

Creosote Oil.—A good volume of business was transacted in this market again last week. Sellers reported quotations were decidedly firm. The call came from routine sources, including the public utility companies and major railroad systems.

Cresylic Acid.—This market noted a strong tone during the week. The synthetic resin industry and other routine consumers continued to withdraw full contract allotments, the spot market supplies were limited. Production of cresylic acid in the United Kingdom in 1934, the latest year for which official data are available, totaled 4,391,000 Imperial gallons valued at £335,000, a 25 percent increase over the 1933 production figure of 3,506,000 Imperial gallons, value £258,000. (Assistant Trade Commissioner Warren S. Lockwood, London.)

Naphthalene.—Business in the market for crude naphthalene continued slow during the week, sellers were asking $2.25 to $2.30 per 100 pounds for current shipment. The call for refined naphthalene was fair during the week, prices were unchanged.

Phenol.—This market continued to experience a broad demand throughout the week just closed. No change was uncovered in quotations. The call originated in the usual channels of consumption.

Shingle Stain Oil.—Quotations for shingle stain oil continued strong. Sellers were asking 14c. per gallon for tankcars, 18c. per gallon for car lot drum shipments and 21c. per gallon for less than car lot shipments.

Tar Acid Oil.—A firm tone prevailed in this market again last week. A good volume of business has been booked for forward delivery.

Toluol. — Business continued good during the period under review. Sellers reported prices displayed a firm tone. Reports from the automobile industry indicated that production was being curtailed, due to seasonal influences, and labor unsettlement was also a factor in retarding automobile production.

Xylol.—A firm tone was in prominence in this market again last week. No change was disclosed in quotations.

Chicago Coaltar Bases

CHICAGO, June 17.—Despite continued labor difficulty in the steel industry in this region, there is no change in the price structure in the coaltar products. Buying continues, too, without feature. As a consequence, quotations hold their own. The tone of the market mostly is reported to be steady and without feature. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 9½c. to 10½c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13c. to 13½c.

Coaltar Acids

Anthranilic.—A firm tone prevailed in this direction again last week. Prices were firm.

Broenner's.—This product continued to experience a dull demand, but quotations were decidedly firm.

Gamma.—There was little to report in this market, routine consumers supplied the call, prices were decidedly firm.

Picric.—An active inquiry was reported at intervals during the week. Quotations remained unchanged.

Salicylic.—This product continued to

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

move out at a fair pace again last week. No change was uncovered in quotations.

Sulphanilic.—Dye manufacturers continued to order out supplies at a fair pace. A steady to firm tone prevailed.

Tobias.—Usual buyers supplied a fair demand throughout the week. Quotations ruled firm.

Other Intermediates

Anilin Oil.—A firm tone continued in evidence for this product throughout the week, shipments were moving forward at a consistent pace. Prices were unchanged.

Benzidin Base.—A steady to firm tone was noted in this market again last week. Quotations ruled unchanged. Demand was highly irregular.

Betanaphthol.—Shipments were moving forward in substantial volume during the week. No change was disclosed in quotations.

Dinitrotoluene, Oily.—A fair demand was reported for this product again last week. Prices ruled steady at previous levels.

Nitrobenzene.—This market presented little variation from recent weeks, routine consumers supplied a fair demand, and quotations were well held at previous levels.

Orthodichlorobenzene. — Continuance of a good demand was reported in this direction, the shipments being equivalent to actual production, and a firm tone prevailed.

Orthoanisidin.—There was little activity in this direction, usual consumers filled immediate production requirements, and prices ruled unchanged.

Paratoluidin.—A decidedly firm tone prevailed in this market, and demand was considered fair.

Phthalic Anhydride. — This market continued to note a good demand throughout the week, production was moving directly into consumption, and prices were strong.

IF you wish to be well regarded as a customer, you will not retain returnable containers beyond the time when your suppliers expect to get them back.

Schaeffer's Salt.—A dull and featureless market was noted in this direction, but no change was disclosed in quotations.

Toluidin.—Although the market noted a spotty demand, sellers reported quotations were unchanged.

Xylidin.—A steady to firm tone was noted here. Demand was good.

Coaltar Colors

The market for coaltar colors continued to note a highly irregular demand during the week just closed. Manufacturing consumers continued to adhere to the practice of covering when needs reached an urgent stage. Prices ruled steady. Cotton cloth sales continued to run below current production, resulting in some curtailment, but the average ratio is far above the same period a year ago. Rayon and silk mills continued to operate at a fair level. Shades of brown, blue, black, red and grey continues to move out in fair volume. Prices for dyes used in stains were steady to firm, and a fairly good demand was noted at times.

A. G. Levy, of the Texas Company, Shreveport, La., has been elected chairman of the Southwestern district of the American Petroleum Institute's division of production to serve until 1938. R. D. Risser, of the Shell Petroleum Corporation, Kilgore, Tex., has been elected chairman of the district's advisory committee.

CRESYLIC ACID 97-99% Pale

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THERE are many ways Koppers can serve you besides supplying Benzol, Toluol, Xylol, Solvent Naphtha, Phenol, Cresol, Cresylic Acid and Naphthalene. Many companies which are buying one or more Koppers products or Koppers service could profitably use many other Koppers products and make their work easier or their products better.

Koppers designs and builds machinery, equipment and complete plants. It supplies roofing, waterproofing, dampproofing, paints and other materials for plant construction and maintenance. It produces and markets coal and coke. It has made revolutionary improvements in piston rings and is the only manufacturer of Fast's self-aligning Couplings. It makes water and gas valves, fire hydrants, tanks, pipe, plate work. It operates shipyards.

Let us send you information about any of these types of Koppers services which would fit into your work.

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American Leather Chemists Hold Meeting in Toronto

One hundred and sixty-five members and guests, including an unusually large number of Canadian tanners, as well as representatives of tanning materials firms, attended the thirty-fourth annual meeting of the American Leather Chemists Association, held in the Royal York hotel, Toronto, June 8 to 11.

The guest speaker of much prominence was Dr. D. Jordan Lloyd, director of the British Leather Manufacturers' Research Association, who delivered a very interesting paper on vegetable tanned English sole leather, comparing the chemical, physical and microscopic characteristics of leather in relation to their wearing qualities.

Another highlight was the presentation of the Frazer Muir Moffat medal, given in memory of the late president of the Tanners Council, to Dr. George D. McLaughlin, former director of the Tanners Council Research Laboratory, in recognition of his outstanding contribution in the field of leather research.

The following ordinary members of the council were elected to take the place of the retiring members:—L. A. Cuthbert, of the Elk Tanning Company, Ridgway, Pa., and John H. Highberger, of the department of leather research, University of Cincinnati.

McQuade Made Grasselli Manager at Rensselaer

John H. McQuade, who has been identified with the metropolitan New York sales of Grasselli chemicals since 1922, has been appointed manager of the Rensselaer, N. Y., branch office of the Grasselli chemicals department of E. I. du Pont de Nemours & Co., succeeding Joseph Krackler, who has been transferred to the managership of the Boston office, replacing Joseph H. Mulligan, who has been granted a leave of absence.

T. S. Nichols has been made assistant manager of the metropolitan New York branch office, which is under the supervision of Edward J. Maguire. Mr. Nichols has been affiliated with the Grasselli division since 1929. T. K. Handy has been assigned to New York office sales, having, for the past several years, been covering the New Jersey territory. James N. Smith has been transferred from the Philadelphia to the metropolitan New York office. Mr. Smith will be assigned to field work.

Grasselli Executives Honor Lyon

Sales executives of the Grasselli Chemicals Department of E. I. du Pont de Nemours & Co. honored an eighty-year-old associate at a dinner in the Hotel du Pont, Wilmington, recently, at the conclusion of a two-day conference. C. B. Lyon, of St. Paul, Minn., who started with the old Grasselli Chemical Company fifty years ago, was congratulated by his fellow executives on his long service and his birthday, May 15. Fifty-four executives from 27 cities east of the Mississippi river attended the conference, which was arranged by H. B. Mansfield, director of sales, and E. A. Orem, sales manager, Wilmington.

Frank R. Jackle, of the firm of George H. Jackle, fertilizer materials, this city, and Virginia Warder, daughter of Frank H. Warder, also of this city, were wed June 16.

Carnegie-Illinois Steel To Build Benzol Plant

A plant for the production of benzol and other coaltar solvents, said to be the largest in the world, is to be erected at Clairton, Pa., by the Carnegie-Illinois Steel Corporation, subsidiary of the United States Steel Corporation. The contract for the plant has been awarded to the Semet-Solvay Engineering Corporation, this city.

The continuous refining process will be applied to the treatment of light oils recovered in the Carnegie-Illinois by-product cokeovens. The process will be directed to the production of benzol, toluol, xylol, and solvent naphtha to meet various industrial specifications.

It has not yet been determined when the plant will be ready for operation.

Baltimore P.V.P. Club Addressed by Bidlack

The June meeting of the Baltimore Paint and Varnish Production Club attained unusual significance because of the presence of V. C. Bidlack, president of the Federation of Paint and Varnish Production Clubs, who was a guest of honor and told about the activities of the various committees of the federation, stressing the importance of the work of the cost accounting committee and the need for help from each individual club in getting together the necessary facts. He also adverted to the well-directed energies of the technical advisory committee in dealing with specifications from the Bureau of Standards.

Mr. Bidlack also dealt with the changing economic structure and cited the need for friendly relations between employers and working staffs. He emphasized the importance of the production man doing his part in the maintenance of this good relationship, and also brought out the fact that new materials of construction were being constantly introduced, causing our markets to have less need for intensive development work to meet these advances. Much credit, he said, was due the suppliers of raw material for assistance in meeting the new problems, but, as producing men, he added, it was still their job, through cooperation, to guard the welfare of the industry.

Karel Vettewinkel, of the oil department of the National Lead Company, spoke on "Boiled Linseed Oils." The paint business had in recent years, he said, suffered from complications, and simplification of raw materials was very much desired.

The Baltimore Paint and Varnish Production Club, at its May meeting, listened to an address by L. A. Melsheimer, of the United Color & Pigment Company, on "Paint Consistency, with Special Reference to Formulation with Lithopone." The paper dealt especially with the difficulties encountered in measuring thioxotropic consistency.

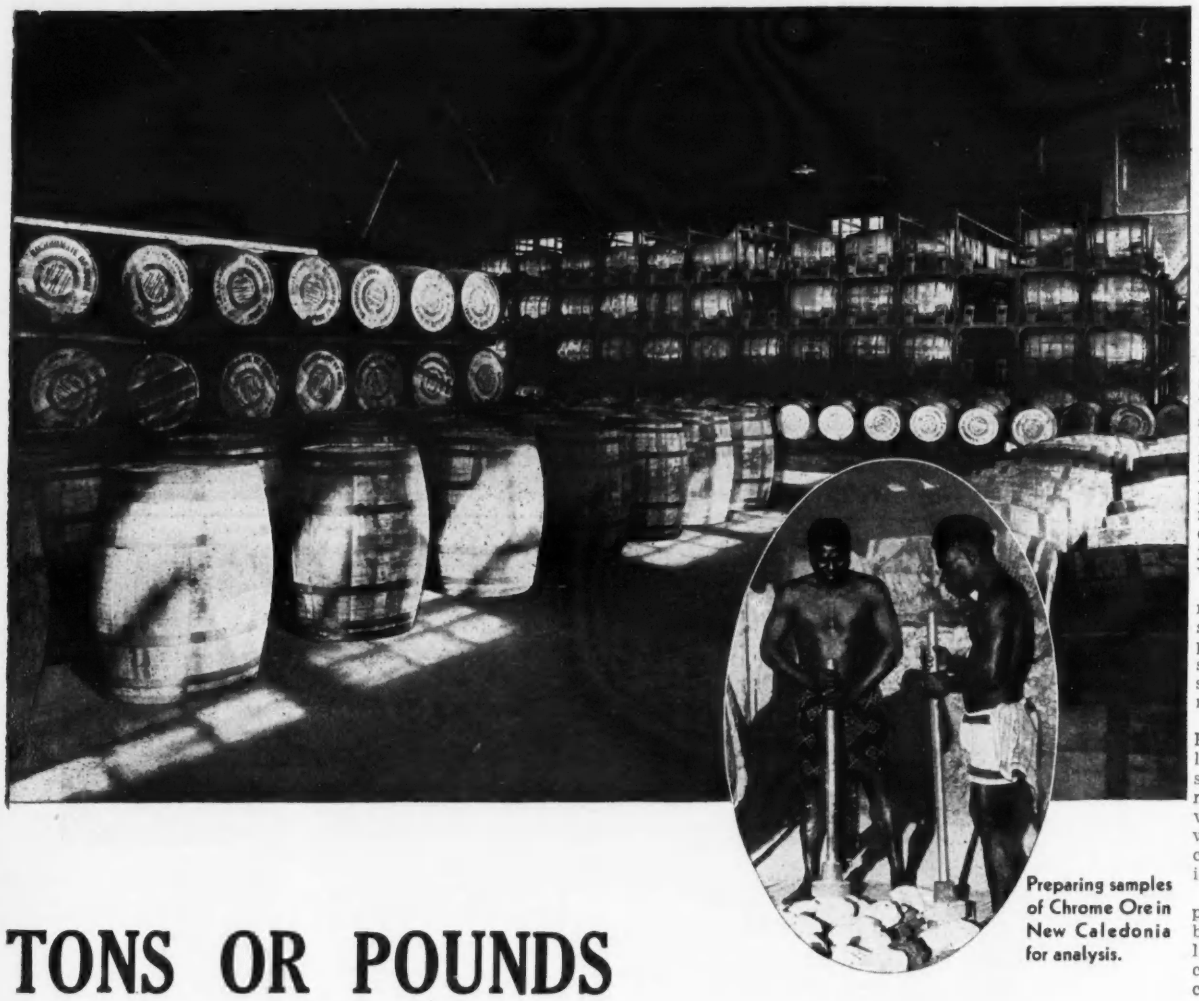
The technical committee reported progress in its investigations of possibilities for a paper on the influence of linseed oil viscosity on varnishes that contain portions of this oil. A study of casein paints also is being considered.

Arsenic Substitute Sought To Poison African Locusts

The Department of Agriculture and Forestry of the Union of South Africa has been conducting research to discover a cheap, efficient locust-killer less poisonous than arsenite of soda. No promising substitute has yet been found, according to information received by the Department of Commerce from the assistant trade commissioner at Johannesburg.

Because of the inherent dangers in the improper application of arsenite of soda and the tendency to use stronger concentrations than those called for by official instructions, dusting with arsenite was deemed too dangerous on grazing land, and in 1935 the government decided to use bait as the standard method of destruction of the brown locust. Baiting has been found to be less expensive than spraying, more efficacious, and less dangerous to livestock.

James W. Byrnes, of the MacLac Company, shellac bleacher, this city, sailed last week on the steamship Manhattan for a vacation in Europe. Mr. Byrnes plans to be gone several weeks, and will visit the principal cities in England and on the Continent.



Preparing samples of Chrome Ore in New Caledonia for analysis.

TONS OR POUNDS

FROM the careful sampling and analysis of the Chrome Ore at Mutual's mines in the South Sea Islands through every step in the process to the finished products, the closest chemical control is exercised. The ore reserves at both our mines and plants, together with the large stocks of finished material at our plants and warehouses, provide a safe background against emergencies.

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Dyestuffs and Textile And Leather Chemicals

Prices Raised for Hypernic, Hematine, Fustic and Logwood—Corn Derivatives Quiet—Demnad for Tanning Materials Continue Slow — Zinc Dust Unchanged — Archil Firm

Business in the market for dyestuffs and tanstuffs noted an irregular demand during the week just closed. The irregularity in the call could be attributed to continuance of a hand-to-mouth buying policy. The feature in the market was the issuance of July 1 price schedules for logwood, fustic, hematine and hypernic.

Higher prices for hypernic, fustic, hematine and logwood were not entirely unexpected, for demand has been good and basic costs have been increasing. The other extracts, including sumac and myrobalans, remained unchanged. The textile industry noted a mixed trend of operations, with seasonal influences playing a prominent part. Word from the cotton cloth industry had it that production schedules were being curtailed, for current sales have been running below current production. Egg products were in fair demand, and prices were about the same as in the preceding period. Subject of interest in the egg market was the heavy arrivals of new crop material. Bichromates continued firm. Corn derivatives were unchanged. The call for tanning materials was highly irregular, mangrove bark was unchanged and an easier tone was noted in myrobalans. Zinc dust held unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Fustic, crystals, 2c. per lb.
liquid, 1c. per lb.
solid, 1½c. per lb.
Hematine, 2c. per lb.
Hypernic, liquid, 1c. per lb.
solid, 1½c. per lb.
crystals, 2c. per lb.
Logwood, crystals, 2c. per lb.
liquid, 1c. per lb.
solid, 1½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.1	**154.1**	**154.1**	**152.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Demand continued at a good pace during the week just closed.

Antimony Salt.—This market offered little change from the preceding period. Usual sellers furnished a fair demand. Quotations ruled firm.

Potash Bichromate.—A firm tone prevailed in this market throughout the week. No change was disclosed in quotations.

Potash Prussiate.—Business in the market for red prussiate revealed little change. Sellers reported quotations were steady to firm and demand continued fair.

Soda Bichromate.—A good volume of business was transacted in this market again last week, sellers reporting quotations ruled firm.

Soda Prussiate.—Prices continued to display a firm tone, sellers reporting a good volume of business has booked for third quarter delivery at the levels in force previously.

Zinc Dust.—Shipments were moving out in fair volume during the week. Prices were steady.

Dyestuffs

Annatto.—A fair demand was noted for this product during the week. Prices ruled firm.

Archil.—This market revealed little variation from recent weeks, sellers reporting quotations were firm. The firmness in the price structure reflected the favorable statistical position of the market.

Cochineal.—Another quiet week was experienced in this direction, sellers indicating that jobbing quantities made up the call and prices were without change.

Fustic.—The market for this product noted an advance in prices, effective July 1, the schedule follows:—Crystals, 22c. to 27c. per pound; liquid, 9½ to 13c. per pound, and solid, 17½c. to 19½c. per pound, according to quantity.

Hematine.—This market displayed a firm tone, an advance being made in prices, effective July 1. The range in price lists 18c. to 34c. per pound.

Hypernic.—An advance in price was reported here, effective July 1, the schedule follows:—crystals, 28c. to 36c. per pound; liquid, 16c. to 21c. per pound, and solid, 18½c. to 20½c. per pound, according to quantity.

Logwood.—Sellers reported prices for crystals, liquid and solid will be advanced July 1, the schedule follows:—crystals, 18c. to 22c. per pound; liquid, 9½c. to 11½c. per pound, and solid, 15c. to 19c. per pound.

Sizing Materials

Albumen.—Business in the market for edible egg albumen continued to note an irregular demand, the subject of interest being the heavy arrival at New York of the new crop material. Sellers reported prices were about the same as in the preceding period.

Dextrin.—Business continued at a good pace in the market for corn derivatives during the week. Sellers reported no change in quotations.

Egg Yolk.—The call for egg yolk was fair throughout the week. The market noted a steady tone. Interest was shown in the large volume of imports of the new crop arriving at New York. Sellers reported quotations were about the same as in the preceding period.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. June whole mixed futures closed on Friday at 15.50c. to 16.65c.; July, 16.80c. asked; August, 17.00c. asked; September, 17.15c. asked; October, 17.50c. asked.

Starch.—There was a fairly active call for corn derivatives during the week, sellers reporting prices were steady to firm. The basic corn product noted a firm tone.

Tanning Materials

Divi-Divi.—This product noted a slow demand throughout the week. Prices were strictly nominal.

Gambier.—Another quiet week was noted in the market for common gambier, sellers reporting quotations were unchanged. The call for Singapore cubes and plantation gambier noted a fair demand at times during the week. Prices were unchanged.

Mangrove Bark.—Shipments were moving at a slow pace during the week. No change was uncovered in the quotations.

Myrobalans.—This market continued to display an easy tone. Consumers apparently were measuring commitments by actual production requirements. Sellers were asking the prices in order in the preceding period.

Quebracho.—A fair demand was reported in this market during the week. Sellers reported no change was disclosed in the market pricewise.

Sumac.—The market for ground sumac noted an irregular demand, sellers reporting prices were about the same as in the preceding period. No change was disclosed in the market for leaf sumac.

Valonia.—The market for valonia beards continued to note a fair demand throughout the week. Prices were unchanged.

Wattle Bark.—A decidedly firm tone was disclosed in this direction, and sellers reported quotations were unchanged. The call continued good.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Tanstuffs Freights Suspended

WASHINGTON, June 17, 1937.

The Interstate Commerce Commission has suspended proposed new rate schedules on tanning materials between various points in the United States from June 30, 1937, until December 20, 1937, and has scheduled a hearing in the case for July 21. The proposed new rates make certain increases in rates on tanning materials and tanning extracts, in carloads.

Obituaries

Harry W. Cole

Harry Walter Cole, vice-president of Baird & McGuire, coaltar disinfectant manufacturer, Holbrook, Mass., died in Augusta, Ga., June 15. He was fifty-five years old.

Mr. Cole was born in Frederick, Md., in 1882, son of Lamartine W. and Ida Jenkins Cole. He went to public schools in Frederick and Baltimore and was graduated from Georgetown University, having specialized in chemistry. He was vice-president of the Kretol Company, manufacturing chemist, Washington, from 1906 to 1913; in charge of disinfectant sales for the Barrett Company, Philadelphia, from 1913 to 1915; and director of the disinfectant division of the Barrett Company, this city, from 1915 to 1922, when he became connected with Baird & McGuire. He was a charter member of the National Association of Insecticide and Disinfectant Manufacturers; president in 1917 and 1918; member of the board of governors from 1916 to 1927. He was a member of the Old Colony Club, this city, and a member of several Masonic orders. In 1903 he married Miss Ada C. White.

Harry Walter Cole

Dr. Jose Baxeres de Alzugaray

Dr. Jose Baxeres de Alzugaray, metallurgical chemist who pioneered in the development of vanadium steel, and was one of the first to discuss the value of radium in cancer treatment in this country, died in his home in this city June 13 of a heart ailment. He was seventy-one years old.

Dr. Alzugaray was born in Buenos Aires, son of Dr. Baxeres Torres and Mercedes de Alzugaray. His father served as Madrid's Ambassador to Russia. Dr. Alzugaray studied under private tutors in Spain, London, Paris, St. Petersburg, and at the University of Geneva. He became chemist for the Vanadium Company, Ltd., of London, and while there experimented with uranium-bearing ores for several years before Mme. Curie's best-known achievement. There he produced the first pound of vanadium steel ever manufactured, and came to this country as consulting chemist for Joseph M. Flannery, who built a Pittsburgh plant for vanadium steel manufacture. in which Dr. Alzugaray took a leading part. When Mr. Flannery, later president of the Vanadium Company of America, mentioned that relatives of a friend of his had been sent to Johns Hopkins University for cancer treatment. Dr. Alzugaray suggested radium therapy. He arranged for the transfer from Mme. Curie's laboratories in France of quantities of radio-active salts. They were sent to Johns Hopkins and it is believed they provided the first radium used for cancer in this country. The patients all were reported to have recovered. Nearly twenty-five years ago, Dr. Alzugaray urged that the Government start a radium-conservation program and build a plant for its production. In later years he conducted his own laboratories. Surviving is his wife, the former Lola Lansdale, of Washington.

Dr. Hiram Colver McNeil

Dr. Hiram Colver McNeil, retired chemist, formerly connected with various departments of the United States Government, and a university instructor, died in Los Angeles, Cal., June 8, after a long illness. He was seventy years old. Dr. McNeil was born in Emerald, Ohio; received his Master's degree from Denison University, and Ph.D. at George Washington University. He taught in schools and in universities. In 1905 he was attached to the United States Geological Survey; was research chemist for the Columbus Pharmacal Company the following year; was then in the Federal Bureau of Chemistry at Washington, and later transferred to the Bureau of Standards. He was lecturer in chemistry at George Washington University from 1910 to 1918 and head of the department from the latter date to 1926 when he retired. Surviving are his wife, Mrs. Sarah Hooper McNeil; a daughter, Mrs. Jennie Sellman, Kent, O.; three sons, Robert Hooper McNeil, Blacksburg, Va.; Ernest Samuel McNeil, Washington, and Harold Osman McNeil, Rockville Center, L. I.

Ora E. Tate, Jr.

Ora Eugene Tate, jr., senior partner of the Tate Paint Manufacturing Company, Lakeland, Fla., lost his life June 6 in Lake Apopka, near Lakeland, while

(Continued on page 46)

"SUPERFIX"
"SUPERIN"
excellent scouring agents on condensation basis.
U. S. Patent 2,036,593
•
"ALFRONIN"
excellent finishing agent on cholesterol basis.
U. S. Patent 2,041,560
•
Experts recommend these products for all textile scouring and finishing purposes
MICHEL EXPORT CO.
Incorporated
95 BROAD ST., NEW YORK, N. Y.
Specialties for the Manufacturing Chemical Industries

COPPER CHLORIDE
For Desulphurizing Petroleum: A Mordant for Textiles
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Works: Newark, N. J. Established 1857

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Five-hundred-forty-sixth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Chloronaphthalenes

(Chlornaphthalin, Chloronaphthalene, Cloronaftaleno, Chloronaftalina, Naphtalene Chloree)

(As indicated by the title these are products of the chlorination of naphthalene. According to the degree of chlorination the physical state varies from a thinly fluid, mobile liquid to a crystalline, amorphous wax. The degree of chlorination is indicated by chemical nomenclature, thus:—1-chloronaphthalene, monochloronaphthalene, alphachlornaphthalene; dichloronaphthalene; trichloronaphthalene; tetrachloronaphthalene; hexachloronaphthalene; polychloronaphthalenes. Commercially they are marketed (1) under the chemical name, or (2) under a trade-name or brand-name, such as "Halowax" oils and waxes, or "Seekay" waxes and oils, "I. G." waxes and oils; or "Haftax" waxes and oils. For obvious reasons the uses below are not indicated for the degree of chlorination.)

Adhesives

Ingredient of—
- Adhesive composed also of natural resins, rubber latex, and castor oil (French 691293)
- Adhesive mixtures with glycerol ester of rosin (French 691293)
- Cement for uniting glass, porcelain, pottery, metals, wood, and other substances (U.S. 1945803)

Agriculture

Ingredient (French 649853) of—
- Smoke-screen compositions for treating vegetables

Analysis

Standard in—
- Testing index of refraction

Building and Construction

Flameproofing agent for—
- Fibrous materials
- Rubber tile

Impregnating agent (U.S. 1941769) for—
- Celotex building block

Protective coating (against corrosive action of acid and alkaline liquids and acid fumes) for—
- Asphalt-coated building materials (Brit. 209727)
- Metal surfaces
- Other surfaces
- Stone surfaces
- Wood surfaces

Chemical

Condensing agent in making—
- Aminoaralkylarylcarboxylic acids (U. S. 1936090)
- Aralkylarylcarboxylic acids (U.S. 1937963)

Starting point in making—
- Alphachloronaphthalenesulphonic acid (Brit. 362016)
- Alphanaphthol (U.S. 1996745)
- Ammonium 1:5-chloronaphthalenesulphonate (Brit. 263873 and 280262)
- Ammonium 1:6-chloronaphthalenesulphonate (Brit. 263873 and 280262)
- Benzanthrone and its derivatives
- Betanaphthol (U.S. 1996745)
- 1:5-Chloronaphthalene sulphonate (Brit. 263873 and 280262)
- 1:6-Chloronaphthalene sulphonate (Brit. 263873 and 280262)
- 4-Chloroalphanitronaphthalene and other nitration derivatives
- 1-Chloronaphthalene-2-thioglycollic acid (Brit. 284288)
- 1:2-Chloronaphthoyl chloride (Germ. 432579)
- 8-Cyano-4-chloronaphthalenealphasulphonic acid (Brit. 276126)
- Derivatives used in making intermediates such as—
  - 2:3-Dichloroalphanaphthaquinone
  - 3:4-Dichloroalphanaphthol
  - 5:8-Dichloroalphanitronaphthalene
  - Nitronaphthalene tetrachloride
  - Phthalic acid
- Halogen derivatives, such as (Brit. 341926; French 683792)—
  - 1:4-Chlorobromonaphthalene
  - 1:8-Chlorobromonaphthalene
  - 1:4-Chlorobromonaphthalene-8-sulphonic acid
  - 1-Chlor-4:8-dibromonaphthalene
  - 1:8-Dichloro-4-bromonaphthalene
  - 1:4-Dichlor-8-bromonaphthalene
- Halonaphthalene ketones, such as (Germ. 495332)—
  - 1:4-Dichlor-8-alphanaphthoylnaphthalene
  - 1:4-Dichlor-8-benzoylnaphthalene
  - 1:5-Dichlor-8-benzoylnaphthalene
  - 1:4-Dichlor-8-orthochlorobenzoylnaphthalene
  - 1:4-Dichlor-8-orthotoluylnaphthalene
  - 1:4-Dichlor-8-orthochlorobenzoylnaphthalene
  - 1:4-Dichlor-8-parachlorobenzoylnaphthalene
- Isopropylchloronaphthalene sulphonate (Brit. 252392)
- Naphthol derivatives
- Naphthylamine derivatives
- Potassium 1:5-chloronaphthalenesulphonate (Brit. 263873 and 280262)
- Potassium 1:6-chloronaphthalenesulphonate (Brit. 263873 and 280262)
- Potassium isopropylchloronaphthalenesulphonate (Brit. 252392)
- Sodium 1:5-chloronaphthalenesulphonate (Brit. 263873 and 280262)
- Sodium 1:6-chloronaphthalenesulphonate (Brit. 263873 and 280262)
- Sodium isopropylchloronaphthalenesulphonate (Brit. 252392)
- Sulphonic acids
- Tanning agents by sulphonating and condensing with hydroxybenzyl alcohol (French 614661)

Coke By-Products

Stabilizing agent (French 698554) in—
- Tar emulsions

Dye

Solvent for—
- Anilin dyes
- Other dyes

Starting point in making—
- 1-Chloronaphthalene-2-thioglycollic acid in making thioindigoid dyes (Brit. 284288) with—
  - Acenaphthenequinone
  - Alphaisatinanilide
  - 5:7-Dibromoisatin
  - Isatin homologs, derivatives, and substitution products
  - Ortho-diketones
- Quinoneimidin dyes

Electrical

Bonding agent in—
- Magnetic cores (Brit. 404544)
- Rubber-textile insulations for wires and cables

Flameproofing agent for—
- Wire insulations

Impregnating and coating agent for—
- Condensers in radio, telegraphy, telephone, transmission, electric machinery, and installations of all kinds
- Coils in radio, telegraphy, telephone transmission, electrical machinery and installations of all kinds

Ingredient of—
- Insulating compositions
- Sealing compositions for dry batteries

Protective agent (against corrosive action of acid and alkaline liquids and acid fumes) for—
- Cables
- Wires

Softening and flexibilizing agent in—
- Rubber-textile insulations for wires and cables

Starting point (Brit. 418557) in making—
- Insulating materials with rubber and polymerized hydrocarbons of the polyvinyl group

Explosives and Pyrotechnics

Ingredient of—
- Smoke-screen compositions

Dampproofing absorbent in—
- Explosives

Fats, Oils, and Waxes

Ingredient of—
- Wax emulsions
- Waxlike bodies (Brit. 406355)

Plasticizer for—
- Waxes

Solvent for—
- Vegetable oils
- Waxes

Starting point in making—
- High-melting wax products (U.S. 1928438)

Substitute for—
- Paraffin and other waxes

Fuel

Claimed as fuel (French 642681) for—
- Diesel engines
- Internal-combustion motors
- Semidiesel engines

Gums

Plasticizer for—
- Gums

Solvent for—
- Gums

Ink and Related Products

Ingredient (Brit. 275747; U.S. 1608742, 1608743, 1639080, 1645141, and many others) of—
- Stencil coating compositions

Insecticide

Ingredient of—
- Composition for spraying peach trees to combat Oriental fruit moth
- Compositions for spraying trees and other plants
- Emulsified compositions for destroying flies and their larvae (Brit. 261055)
- Emulsified compositions for destroying parasites on sheep (Brit. 261055)
- Hydrocarbon oil solutions for destroying flies and their larvae (Brit. 261055)
- Hydrocarbon oil solutions for destroying parasites on sheep (Brit. 261055)
- Insecticidal oil containing also rotenone, and viscous petroleum oil (U.S. 2013028)
- Insecticidal spray compositions for codling moth
- Insecticidal spray compositions for red spider
- Insecticidal spray compositions for scale
- Insecticidal compositions with anilin sulphocyanide (French 654416)
- Insectproofing compositions for wood and other fibrous materials
- Mothproofing compositions for textiles and other fabrics
- Verminproofing compositions for wool

Lubricant

As a lubricant (Germ. 302986)

Extreme pressure agent in—
- Cup greases used as lubricants in wire-drawing operations (said to improve efficiency)

Mechanical

As a lubricant (Germ. 302986)

Ingredient of—
- Carbon removers of various compositions
- Carbon-removing composition (U.S. 1949588)

Top-cylinder lubricant for—
- Preventing carbon and gum deposits on valves in internal-combustion motors

Metallurgical

Ingredient (Brit. 413519) of—
- Soldering fluxes for aluminum alloys

Miscellaneous

Acidproofing agent for—
- Fibrous materials of all kinds

Alkaliproofing agent for—
- Fibrous materials of all kinds

As a heat-transfer medium

Flameproofing agent for—
- Fibrous materials of all kinds

Ingredient of—
- Emulsified compositions for killing weeds (Brit. 261055)
- Hydrocarbon oil compositions for killing weeds (Brit. 261055)
- Impregnating compositions

Insectproofing agent for—
- Fibrous materials of all kinds

Moistureproofing agent for—
- Fibrous materials of all kinds

Plasticizer for—
- Many products in various industries

Preservative for—
- Manuscripts, books, and bindings in libraries

Protective coating (against corrosive action of acid and alkaline liquids and acid fumes) for—
- Metal surfaces
- Other surfaces
- Stone surfaces
- Wood surfaces

Solvent for various products

Starting point in making—
- Polishes of many kinds

Paint and Varnish

Ingredient of—
- Insectproof distemper containing also gum arabic, flour, zinc oxide, and iron oxide (Brit. 447753)
- Putty containing also clay, rosin, and rosin oil (Brit. 420528)
- Water-resistant varnishes

Plasticizer in—
- Lacquers

Paper

Ingredient (Brit. 428873) of—
- Flameproofing compositions for paper, containing also chlorinated rubber and polyvinyl chloride

Petroleum

Solvent for—
- Mineral oils

(To be continued)

Malic Acid

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for June 4, 1934, page 40)*

Beverage

Stabilizing agent (U.S. 1427903) in making—
- Grape juice

Chemical

Process material (U.S. 1491465) in making—
- Succinic acid

Starting (U.S. 1421604) point in making—
- Ethyl malate
- Glyceryl malate
- Glycol malate
- Propyl malate

Cosmetic

Ingredient of—
- Dentifrice (U.S. 1516206)
- Mouthwash (U.S. 1275275)

Electrical

Ingredient (U.S. 1412514) of—
- Electrolyte for electrolytic condensers
- Electrolyte for electrolytic lightning arresters

Food

Extractant (U.S. 1385525) for—
- Pectin

Metallurgical

Ingredient (U.S. 1965682, 1965683, and 1965684) of—
- Electrolyte used in oxidizing aluminum by electrolytic methods

Miscellaneous

Process material in making—
- Celluloid substitute (U.S. 1245976, 1245984, and 1280862)
- Floor covering (U.S. 1245984)

Plastics

Process material in making—
- Ivory substitute (U.S. 1245976)
- Molded article (U.S. 1489744)
- Phonograph record (U.S. 1424137)
- Plastics (U.S. 1489744)

Resins

Process material in making—
- Phenol-formaldehyde condensate substitute (U.S. 1245976)
- Synthetic resins useful as shellac substitutes (U.S. 1413144 and 1413145)

Starting point (U.S. 1443935 and 1443936) in making—
- Synthetic resin, suitable for molded electric insulation, by condensing with glycerin or polyglycerol
- Synthetic resin by condensing with glycol

Rubber

Process material (U.S. 1245984) in making—
- Rubber substitute

Paint, Varnish, Lacquer Materials

Lithopone, Zinc Oxide, Titanium Compound Pigments and Leaded Zinc Advanced—Zinc Sulphide, Titanium Dioxide And Lead-Titanate Hold Unchanged

Prices for titanium and zinc pigments advanced on Tuesday of last week. The increase in zinc pigments included zinc oxide, leaded zinc and lithopone. The titanium rise embraced only the compound pigments and the price of titanium dioxide was unchanged. Lead-titanate was also without change. Titanated lithopones advanced with the rise in the normal strength pigments. Zinc sulphide was the only zinc pigment that did not change in price last week. The increase in zinc oxide prices was the second price rise this year, the first having taken place around the middle of March and the advance in barium, calcium and magnesium titanium pigments was the first change in those commodities since last Fall.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lithopone, all grades, ¼c. per lb.
Titanium pigment, barium, calcium and magnesium base, ¼c. per lb.
Zinc oxide, lead free, ¼c. per lb.
leaded, ¼c. to ¼c. per lb.
seal grades, ½c. per lb.

Reduced

Rosin, gum, 10c. to 40c. per 280 lbs.
Turpentine, gum, ¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
133.1	**132.6**	**132.6**	**129.9**

Market news that may have developed after this report was sent to press will be found on page 4.

As raw materials suppliers were preparing to extend contracts into the third quarter of the year or to issue new agreements there were a few more changes in contemplation. These were in the earth color group and include French ocher which will be raised ⅛c. per pound; Italian raw sienna which will advance ¼c., except in the very light shades; and certain yellow oxide which will move from its present level of 7¼c. to a basis at 7¾c' per pound. These changes were slated for the first of the month, according to the plans of sellers.

Ester gum prices for the third quarter have not been determined but stearate prices on contracts will be unchanged.

Rosin and turpentine were quieter in southern and local markets, the slowing down of business being attributed to the disturbing character of developments in labor and political affairs. Export trade was also quieter but clearances of rosin for foreign destinations on contracts previously placed were heavy. Weather conditions were generally favorable for operations in the woods and receipts in primary markets continued liberal.

May building operations declined seasonally during May, according to the Dun & Bradstreet survey, aggregating $98,280,854 in 215 cities. This was a decrease of 16.4 percent from the April figure of $117,543,768 but an increase of 19.1 percent over May last year when permits were issued for $82,510,596 worth of building. The usually expected decline from April to May is about 6.6 percent. For the first five months of the year, building operations totaled $491,221,024 against $351,003,479 in the same period last year.

Metallic Lead and Zinc

Continued weakness in the London market was one of the principal reasons for a cautious buying attitude taken by the users of the metal last week. London prices were still above the American parity but the prices for spot and future position there were drifted slowly downward. On this side, the spread of labor strikes in the consuming market made for further purchasing shyness. Prices here held at 5.85c. per pound, at East St. Louis, and 6c. to 6.05c. per pound at New York.

Zinc was also weaker in London but this was a more welcome development in zinc circles than it was in the lead market. Zinc was now below the parity here but the sellers here held to the long standing figure of 6¾c. per pound and from indications in the market it would appear as though they were prepared to hold that basis so long as the supply side of the market continued tight.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from June 12 to June 18, inclusive, were as follows:—

	Pigs		Spot. London.		
	Per pound		Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.06000@.0605	$0.0585	..	..	..
Monday	.06000@.0605	.0585	21	3	9
Tuesday	.06000@.0605	.0585	20	18	9
Wednesday	.06000@.0605	.0585	21	18	9
Thursday	.06000@.0605	.0585	21	10	0
Friday	.06000@.0605	.0585	21	8	9

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from June 12 to June 18, inclusive, were as follows:—

	Slabs		Spot. London.		
	Per pound		Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0710	$0.0675	..	..	..
Monday	.0710	.0675	20	1	3
Tuesday	.0710	.0675	19	2	6
Wednesday	.0710	.0675	20	7	6
Thursday	.0710	.0675	20	2	6
Friday	.0710	.0675	20	0	0

Pigments

Prices for titanium and zinc pigments advanced last week. The increase in zinc oxides and lithopone was reported in the late market summary of last week's issue and became effective Tuesday. On the same day, prices for titanium compound pigments advanced. Titanated lithopones were also advanced.

White Lead. — The market was favored with a fair degree of activity last week. Replacement buying for the month to date was understood to have been larger than that for the early half of May. Prices held an unchanged position.

Red Lead. — Pig lead prices held unchanged over the past week and the quotations for this derivative were held without shift. The foreign lead market has been weakening quite a bit and the security of domestic prices was threatened.

Litharge. — In company with other lead products, this material held an unchanged price position last week, but the foreign metal market has been weakening and it was questionable as to whether or not the lead market would continue with the stability that has been a feature of the market for some weeks past.

Lithopone. — Normal strength lithopones were advanced ⅛c. per pound, Thursday. The new schedule was based at 4⅜c. per pound for 20 ton lots and 4⅝c. per pound in smaller quantities. Titanated and high strength material was advanced ⅛c. to 5⅞c. per pound in 20-ton lots and 6⅛c. per pound in smaller lots. Barrel packing was charged ¼c. per pound additional. The new prices were f.o.b. shipping point, freight allowed.

Titanium Pigments.—Prices for titanium dioxide and lead titanate were unchanged, but a higher schedule was placed in force Tuesday on barium, calcium and magnesium compound pigments. The advance was ⅛c. per pound and the new schedule was as follows:—car lots, minimum 40,000 pounds, 5⅞c. per pound in bags and 6⅛c. per pound in barrels; less car lots, 6⅛c. per pound in bags and 6⅜c. per pound in barrels; lots less than 50 pounds, 6⅞c. per pound in bags. Car lot prices are f.o.b. factories less freight allowances and the l.c.l. prices are f.o.b. factories or ex-warehouse with either freight or trucking prepaid or allowed.

Zinc Oxides.—Prices advanced Tues-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

RED YELLOW **IRON OXIDES** BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

NIACET PRODUCTS
Acetic Acid Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts

Acetate Salts and Esters
Aluminum
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Chromium
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Ferrous
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Manganese
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Aluminum Acetate Solutions 20% Normal, 32% Basic
Sodium Acetate Tech. 60 Special 90 Grades
NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

PEERLESS CLAY *For the* PAINT INDUSTRY
R. T. VANDERBILT CO., Inc.
230 PARK AVENUE :: NEW YORK CITY

■ "I've worked out a good many different paint formulas for my company in my time . . . and I've kept careful watch over how they stand up on the job. But I always come back to this one point—and you can't talk me out of it: *Formulas with high lead content are practically foolproof!*

"White Lead guards against cracking, scaling, excessive chalking. It forms a tough, long-wearing, elastic film that stands up under all weather conditions.

"I've noticed that when our formulas are high in lead content, the Complaint Department has a pretty soft time of it."

EAGLE-PICHER
WHITE LEAD CARBONATE • RED LEAD
SUBLIMED BLUE LEAD • ZINC OXIDE
SUBLIMED WHITE LEAD • LITHOPONE
SUPER SUBLIMED WHITE LEAD
LITHARGE • SUBLIMED LITHARGE
ORANGE MINERAL
EAGLE EP PICHER
THE EAGLE-PICHER LEAD COMPANY
CINCINNATI, OHIO

EARTH COLORS
INDIAN - TURKEY - VENETIAN.
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York

STEARATES
Stocks at
● NEW YORK
● CHICAGO
● ST. LOUIS
● KANSAS CITY
● DES MOINES
● LOS ANGELES
● SAN FRANCISCO
● NEW ORLEANS
ALUMINUM STEARATE
CALCIUM STEARATE
MAGNESIUM STEARATE
ZINC STEARATE
FRANKS CHEMICAL PRODUCTS CO.
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MINERS REFINERS IMPORTERS
CLAYS
INDUSTRIAL
We are in a position to furnish promptly an excellent grade of
White English China Clay
Powdered—packed in bags or barrels, and in any quantity.
Testing Samples Gladly Sent
United Clay Mines Corporation
Trenton Dept. O New Jersey

THE BRADLEY STENCIL MACHINE
MACHINES TO CUT ⅛ in., ¼ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

MINERAL OIL RESIDUES
NAPHTHENIC SOAP
FLAG BRAND WHITE OILS
NAPHTHENIC ACID SLUDGE
Specifications Upon Request
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25 Beaver Street Importers New York

Crude, Refined, Processed
PAINT and VARNISH OILS
Sales Representatives:
D. H. Litter & Co., Inc. New York, Boston, Philadelphia
White & Co., Akron, Cleveland, O.
Marshall Dill, Los Angeles
Thompson Hayward Chemical Co. Dallas, Kansas City, Mo.
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L. H. Butcher Co. Portland, Seattle
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Special Oils to Order
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Importers, Refiners, Manufacturers
62 TOWNSEND STREET, SAN FRANCISCO, CALIF.
4½ million gal. U.S. Gov't Bonded Tank Storage

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

No. 8 MIXER
The best built mixer in the market. Made in two sizes.
Write for Quotation
ARTHUR COLTON CO.
2624 E. Jefferson Avenue
DETROIT MICHIGAN

day. The new schedule follows:—American process, lead-free, 6¼c. per pound in 20-ton lots and 6½c. per pound in smaller lots with high-grade lead-free oxides at 7½c. in 20-ton lots and 7¾c. per pound in smaller lots; 5 percent leaded, 6⅛c. per pound in 20-ton lots and 6⅜c. per pound in less than 20-ton lots; 35 percent leaded 6¼c. per pound in 20-ton lots and 6½c. per pound in less than 20-ton lots; 50 percent leaded, 6⅜c. per pound in 20-ton lots and 6⅝c. per pound in smaller lots. French process, lead-free, 6¼c. to 7½c. per pound in 20-ton lots and 6½c. to 7¾c. per pound in smaller lots; white seal, 8½c. per pound in 20-ton lots and 8¾c. per pound in smaller quantities; green seal, 8c. per pound in 20-ton lots and 8¼c. per pound in smaller lots; red seal, 7½c. per pound in 20-ton lots and 7¾c. per pound in smaller lots. Barrels were charged ¼c. per pound additional throughout the schedule. Lead free oxides made from high-grade metal by the French process and carrying the red seal price may be included in mixed cars with other lead frees at the standard lead free price.

Zinc Sulphide.—The increase in the price of other zinc pigments did not influence this commodity and the quotations remained unchanged.

Fillers and Extenders

Inert pigments, fillers and extender materials lacked price change last week. Prices held in a general position of steadiness with no weak points showing. The demands for many materials were tapering off somewhat because of seasonal drop of replacement buying by the manufacturers of surface coatings.

Barytes.—The domestic market was in an unchanged position. According to a Department of Commerce dispatch from Milan, the output of barytes in Italy increased from 21,861 metric tons in 1932 to 45,000 metric tons in 1936. The presumptive Italian consumption and stocks have kept pace with production, the total of 34,000 tons presumably consumed or stored in 1936 being more than double the 16,700 tons consumed in 1933. Exports of barytes amounted to 11,000 metric tons in 1936. Shipments to the United States totaled 2,035 metric tons.

China Clay.—As reported here a week ago, producers of water ground material advanced the price of 325 mesh material to $9 per ton in bulk and $12 per ton for paper bag packing, f.o.b. producing point.

Whiting.—There has been no change in the price of chalk or limestone material in some time. The latest reports from sellers indicated a fairly good rate of consumption.

Dry Colors

According to present calculations, the advance in French ocher prices which is slated to take place on the first of the month will be ⅛c. per pound. Italian raw sienna will advance ¼c. per pound at the beginning of the year's third quarter, although the very light shades will continue unchanged. Chemical colors will commence the new quarter without shift and contracts will continue without adjustment.

Bone Black.—As reported previously, sellers are not going to make any change in prices at the beginning of the third quarter.

Carbon Black.—Contract prices continue for the final half of the year without change. Demand was fairly active, although some of the buyers had stocked up under the impression that prices for the second half of the year might be higher.

French Ocher.—Prices will advance ⅛c. per pound July 1, according to the present plans of the sellers. Increased ocean freight costs were responsible for the increase that is in contemplation.

Lamp Black. — Roumania has approved the request of a Czechoslovak firm for permission to erect a lampblack factory in Roumania. The capacity of the new enterprise will be two tons a day. It is expected that the entire production will be exported.

Sienna. — Italian raw will be advanced ¼c. per pound on the first of the month although it was understood that the two lightest shades would continue without price change. American material will not be changed, according to present plans.

IF you wish to be well regarded as a customer, you will not retain returnable containers beyond the time when your suppliers expect to get them back.

Yellow Oxides. — The increase in price slated for the first of the month will not affect the 4½c. article but higher-priced material now selling at 7¼c. per pound will be raised to 7¾c. per pound as the third quarter of the year opens.

Varnish Gums

Replacement market prices for natural resins were unchanged last week. The Singapore dammars and the position of bold scraped Batu gum continued very firm but there has not been any further change in the prices since a week ago. The demands of the market were very quiet last week.

Copals.—There was very little buying attention in the market last week and even the takings against contracts were small. Prices continued without a single change and the bold scraped Batu gum was one of the strongest in the list.

Dammars. — Singapore gums continued in a strong position but there were no further advances in the market last week. The buying was light.

Synthetic Resins

Contract prices on paracoumarone resins have been extended for the final half of the year. Ester gum manufacturers have not taken a position for the third quarter of the year but it was indicated that they would probably do so within a week.

Naval Stores

Quieter conditions prevailed in the local market for naval stores last week and some slowing down of business was also noted in Southern centers. The more conservative attitude of buyers was attributed by some to the spread of labor disturbances in important industries in various parts of the country

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Petroleum Solvents
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LIGROIN BENZINE
LOW COST - HIGH QUALITY
Special Solvents for Specific Properties
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K.V. BLDG. CHARLESTON, W.VA.

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Ultramarine Blues
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STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

ASBESTINE
Reg. U. S. Pat. Off.
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and to a desire on the part of consumers to curtail purchases to some extent pending further developments at Washington in the matter of fresh legislation, especially of a financial nature. Also export business in rosin was quieter though clearances from primary markets on contracts previously placed showed an increase. The disappointing nature of foreign business recently was attributed by some to an increase in marketing of new crop supplies abroad.

The undertone of domestic markets, however, was steady or firm, changes in prices for both rosin and turpentine generally being within rather small or moderate limits. Weather conditions in many parts of the South were favorable for production and marketing and the movement from the interior to the seaboard showed a further expansion. The deficit in receipts as compared with last season is narrowing especially in the case of turpentine, although stocks of that commodity as well as rosin remain much smaller than at this time last season. Daily offerings in primary markets last week were generally light or moderate, however, despite the increase in receipts. A development of interest in connection with the statistical position was an increase in clearances of rosin, the shipments from Jacksonville on two days of the week aggregating about 18,000 barrels.

Turpentine.—The local market was a rather quiet affair last week. In some quarters a fair inquiry was noted but purchases were generally limited to unimportant quantities, consumers being disinclined to anticipate. Prices movements were narrow in company with developments in Southern markets where the undertone appeared to be steady or firm. Marketing in the South showed a further increase as weather conditions in many sections continued favorable for operations in the woods.

SAVANNAH, June 18.—Turpentine was fairly active. Changes in quotations were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	34½	193	557	56	29,102
Monday.....	34¼	225	474	2,439	27,137
Tuesday.....	34	227	627	370	27,394
Wednesday..	34	163	538	...	27,932
Thursday ..	34	177	468	197	28,203
Friday	34	281	581	7	28,777

JACKSONVILLE, June 18.—The turpentine market was quiet but the undertone remained firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	34½	263	445	...	28,766
Monday.....	34¼	...	425	484	28,707
Tuesday.....	34	114	265	316	28,653
Wednesday..	34	135	317	332	28,641
Thursday ..	34	155	236	...	28,877
Friday	33⅞	171	371	50	29,198

PENSACOLA, June 12.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ce.pts.	Ship-ments.	Stocks.
Monday	223	...	15,496
Tuesday	236	482	15,300
Wednesday	91	202	15,189
Thursday	182	...	15,371
Friday	137	...	15,508
Saturday	233	...	15,741

CHICAGO, June 18.—Turpentine business has been fairly active of late, with prices steady and with volume of business quite extensive. Buyers are coming into the market actively. Sellers report there are numerous inquiries in the trade. The sellers are talking probable higher prices before the very far distant futures, and the buyers seem convinced that current quotations represent attractive values. Ruling prices at the close of business last night were:—Five-drum lots, 45c. per gallon; five wood barrels, 50c.; single drums, 48c.; single barrels, 53c.

LONDON, June 18.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	37	6
Monday	37	6
Tuesday	37	6
Wednesday	37	6
Thursday	37	6
Friday	37	6

Stocks of American turpentine in London were:—

	June 18.	Previous week.	Last year.
Barrels	14,478	15,761	7,864

Rosin.—The trend of local quotations was downward at times in company with developments in Southern centers but changes were generally moderate as there was no great pressure of offerings in primary markets. Business here was rather quiet and sales in the South also showed some decrease, the slowing down of purchasing operations being attributed to disturbing developments in labor affairs as well as in the domestic political situation. Receipts were liberal but there was an increase in clearances from seaboard markets on contracts previously placed although new export trade was quieter.

SAVANNAH, June 18.—Rosin receipts were liberal. Changes in quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.60	$7.60	$7.60	$7.87½	$7.62½	$7.70
D	7.80	7.95	7.92½	7.87½	7.62½	7.70
E	8.00	7.95	7.92½	7.87½	7.62½	7.70
F	8.02½	7.95	7.92½	7.87½	7.62½	7.70
G	8.02½	7.95	7.92½	7.87½	7.62½	7.70
H	8.02½	7.95	7.92½	7.87½	7.62½	7.70
I	8.02½	7.95	7.92½	7.87½	7.62½	7.70
K	8.02½	7.95	7.92½	7.87½	7.62½	7.70
M	8.02½	7.95	7.92½	7.87½	7.62½	7.70
N	8.05	7.95	7.92½	7.90	7.85	7.70
WG	8.10	7.95	7.92½	7.90	7.90	7.70
WW	9.00	8.90	8.90	8.90	8.90	8.75
X	9.00	8.90	8.90	8.90	8.90	8.75

	Barrels					
Sales	767	560	756	608	767	764
Receipts...	2,474	2,069	2,674	1,825	2,020	1,746
Shipments	...	4,857	586	...	1,205	283
Stocks ..	54,580	51,792	53,880	55,705	56,520	57,893

JACKSONVILLE, June 18.—Daily changes in rosin quotations were generally moderate. Exports were large. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.60	$7.60	$7.60	$7.87½	$7.75	$7.70
D	7.80	7.80	7.80	7.87½	7.75	7.70
E	8.00	8.00	7.90	7.87½	7.75	7.70
F	8.02½	8.02½	7.90	7.87½	7.75	7.70
G	8.02½	8.02½	7.90	7.87½	7.75	7.70
H	8.02½	8.02½	7.90	7.87½	7.75	7.70
I	8.02½	8.02½	7.90	7.87½	7.75	7.70
K	8.02½	8.02½	7.90	7.87½	7.75	7.70
M	8.05	8.05	7.90	7.87½	7.75	7.72½
N	8.05	8.05	7.90	7.90	7.75	7.72½
WG ...	8.10	8.10	7.90	7.90	7.75	7.75
WW ...	9.00	9.00	8.90	8.90	8.75	8.75
X	9.00	9.00	8.90	8.90	8.75	8.75

	Barrels					
Sales	648	...	785	380	783	464
Receipts...	1,920	1,414	1,260	928	912	107
Shipments.	102	3,568	14,250	370	...	1,507
Stocks ..	43,135	40,981	27,991	28,569	29,481	29,050

PENSACOLA, June 12. — Rosin was steady. Receipts were larger. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	640	748	302	542	319	671
Shipments	81	81	80	280	80	1,042
Stocks ..	21,259	21,886	22,128	22,380	22,620	22,258

CHICAGO, June 18.—Demand for rosin has been quite active in the last few days, even in comparison with the fairly active state of the market in preceding weeks. The buyers seem to share with the sellers the general view that prices are comparatively low, and accordingly they appear to be more willing to place orders than for some time. Recently prices have shown some additional decline. Ruling prices at the close of business last night were:—B grade, $10.60 per lot of 280 pounds; G grade, $10.92½; M grade, $10.92½; W.W. grade, $11.90.

LONDON, June 18. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	20	3	22	3
Monday	20	3	22	3
Tuesday	20	3	22	3
Wednesday	20	3	22	3
Thursday	20	3	22	3
Friday	20	3	22	3

Pine Oil.—A firm tone continued to prevail in the local market. The inquiry from local and outside buyers was generally reported as good.

Pitch. — Prices were stationary and the tone of the market appeared to be firm. There was a fairly active demand though business lacked snap.

Rosin Oil.—Quotations were generally maintained at previous levels in the absence of any material change in conditions prevailing in southern markets. Business was fair.

Tar.—The market retained a steady tone, quotations being held at the levels prevailing in the previous week. Demand was fairly active.

Shellac

Prices on shellac in the foreign markets were somewhat irregular in trend last week. The week opened with a decline in London, following which values recovered and remained steady until a further advance gave evidence of a firmer market there. In Calcutta, the trend was downward until close to the end of the period under review, at which time a slight upward movement in quotations took place. On the spot, the market was generally quiet as to demand and values were said to be feeling the effect of a liberal dash of local competition. However, no change in the open schedule of quotations was made. Demand was of the jobbing sort common to the market under conditions of trade like those prevailing for the past several weeks.

London, June 18.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	June 18 Shillings. Cwt.	Cents. lb.	June 11 Shillings. Cwt.	Cents. lb.
August....	45½	9.9	45	9.8
October....	46½	10.1	46	10.0

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK
Branch Offices and Warehouse Stocks:
PHILADELPHIA—BALTIMORE—CINCINNATI—ST. LOUIS
NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND
THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

ALUMINUM STEARATES
Manufactured especially to meet the requirements of the paint and varnish industry
ZINC STEARATE
For the rubber and cosmetics industries
Sold through distributors in principal cities
SCOTT CHEMICAL COMPANY
30 Federal Street Boston, Mass.

EASTMAN
Nitrocellulose Products
FILM SOLUTIONS... Dependable basic materials especially suitable for lacquer bases and for the production of coated fabrics.
NITROCOTTON SOLUTIONS... Prepared from high grade nitrated cottons in a wide range of viscosities and solids.
Information and quotations will be furnished upon request. Eastman Kodak Co., Chemical Sales Division, Rochester, N. Y.
Eastman Tested Chemicals

Day-to-day closing prices were as follows:—

	—Per hundredweight— August.	October.
June 11	45s ..	46s ..
June 12	No cables	
June 14	44s ..	45s ..
June 15	45s ..	46s ..
June 16	45s ..	46s ..
June 17	45s 6d	46s 6d
June 18	45s 6d	46s 6d

Calcutta, June 18.—Prices quoted on pure T. N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	—Per pound— June 18.	June 11.
June	9½c	9⅜c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
June 11	9⅝c
June 12	No cables
June 14	9½c
June 15	9⅜c
June 16	9¼c
June 17	9½c
June 18	9½c

Lacquer Materials

An increase in price for triphenyl phosphate featured the market for the lacquer materials during the week just closed. Otherwise the market was a rather quiet affair, sellers being busily engaged in booking third quarter business. Reports from the automobile industry continued to tell of curtailment in production schedules, manufacturers were getting plans in to shape for changing over to 1938 models. Acetone demand was good at times during the week. There was little to report in the market for butyl alcohol and butyl acetate retained a steady to firm tone. A strong tone prevailed in the market for cresylic acid.

Acetone.—Demand continued good throughout the week. Prices ruled firm.

Butyl Acetate.—This product noted a good demand throughout the week, prices displaying a firm tone.

Butyl Alcohol.—Shipments were moving out in good volume throughout the week. No change was disclosed in quotations.

Dibutyl Phthalate.—A firm tone prevailed in this market again last week. Sellers were booking third-quarter business at the levels announced in the preceding period.

Ethyl Acetate.—A firm tone governed this market throughout the week. Sellers reported a fair volume of business was noted.

Tricresyl Phosphate.—A decidedly strong tone prevailed in this direction, and shipments were moving out in good volume. Strength in the price tone reflected the continuance of a similar tone in the basic material.

Triphenyl Phosphate.—New schedule on this product calls for 34c. per pound for 10,000 pounds, spot or contract; 36c. per pound for 2,000 pounds, spot, and 38c. per pound for less than 2,000 pounds. Prices are f.o.b. works, freight allowed.

Driers

Contract prices for stearates for the third quarter of the year will be issued without change from the current price levels, according to the information from some sellers last week. Palmitates, of course, continued without change. The cobalt driers were in a very strong position as a result of the sharp increase in cobalt products a week ago, but up to this writing the makers of driers have not advised of any increase in the prices.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Glues and Binders

Casein.—Prices continued without change at 13c. per pound for domestic 20-30 mesh and 13½c. per pound for 80-100 mesh, both in car lots, basis delivered. Production continued high, while sales were mildly active.

Glues.—There was a general dullness in the market for both bone and hide glue. Suppliers of hide stock were asking higher prices for the third quarter of the year and this condition may be reflected in the glue price.

Phila. P.V.L.A. Outing Has 400 Participants

Exceptionally fine weather drew a great attendance to the annual outing of the Philadelphia Paint, Varnish and Lacquer Association at the Melrose Country Club, Elkins Park, Pa., June 16. Three hundred and twenty members of the industry met for luncheon at the clubhouse and by the time the unusually varied program of sports events had been completed the number had increased to four hundred.

Winners of a large collection of prizes that made the clubhouse veranda look like a well-stocked department store, were:—

Golf:—Blind bogey, winners John McManen, R. E. Troutman, and C. R. Angleman, tied. Low net, J. Gomez, first; J. L. Rutledge, second. High net, J. F. Hebrew, first; Walter Morris, second. Driving contest, F. Palmer, first; R. V. Murphy, second; V. Mullen, third.

Baseball:—The Paint Salesmen's Club nine, captained by Edward Rink, scored 9 runs to 2 over the team of the Bruder Athletic Club, captained by Charles Werner.

Croquet drive:—Werkinson, first; Brill, second; Harry Bruder, third.

Quoits, two-man teams:—Vickerman and Thompson, first; Gardner and Thomas, second; Drayton and Drayton, third.

Shoe race:—Proctor Wetherill, first; Charles Lindahl, second; Harry Burhanna, third.

Fifty yard dash:—Harry Buten, first; J. Copps, second; C. Bamholt, third.

Slow time race:—Arthur Reigle, first; William Smiley, second; Joseph Finnaren, third.

Ball and can race:—John Burhanna, first; Aaron Kahn, second; F. Dexter, third.

Happy Hooligan race:—Wood, first.

Marble tournament:—Grinrod, first; Ballinger, second; M. Buten, third.

Hat in the ring:—F. Dexter, first; Rawcliffe, second; Meyers, third.

Immediately following the dinner at the conclusion of the games, Thomas Bruder presented a mirror to Walter G. Sibley, chairman of the outing committee, as a tribute to his hard work on the arrangements for the outing. Assisting Mr. Sibley were H. B. Almond, T. A. Bruder, H. R. Dowdy, J. J. Dowdy, Alfred Languish, D. P. Ramsay, and W. B. Wallace.

Naval Stores Factors Put Under Compensation Law

Alabama's Unemployment Compensation Commission has announced a ruling under which distillers of turpentine and manufacturers of rosin products are classified as "non-agricultural" and subject to the compensation law.

M. H. Harper, commission chairman, said Attorney General Carmichael had "withdrawn" a previous ruling that such industries and occupations should be classed as agricultural.

As a result all operators of turpentine and rosin industries employing eight or more persons will come under the unemployment compensation law and they and their employes will be required to make monthly contributions to the reserve fund.

Cleveland P.V.P.C. Elects

The Cleveland Paint and Varnish Production Club, at its annual meeting in May, elected the following officers:—President, John Caldwell, of the Arco Company; vice-president, E. E. Schults, of the Glidden Company; secretary, Dr. M. H. Corbin, of the Arco Company; treasurer, Steven R. Kiehel, of the Billings-Chapin Company. The officers will be installed at the October meeting.

Indianapolis P.V.L.A. Elects

The Indianapolis Paint, Varnish and Lacquer Association, at its annual meeting, elected the following officers:—President, Robert J. Smith, of the Indianapolis Paint and Color Company; vice-president, George Gable, of the Perfection Paint & Color Company; secretary-treasurer, H. E. Howe, of the American Can Company (re-elected).

Popular ... and rightfully so!

MAPICO Yellows

LEMON · ORANGE · DARK ORANGE · DARK ORANGE SPECIAL

● Pure Oxides of Iron: Give TOUGHNESS and RESISTANCE to a finish, whether formulated with oil base, lacquer or synthetic.

● Maximum Gloss. No hard, coarse, siliceous particles. Their size and shape insure durability of Finish and Fine Texture.

● Cannot Fade. Proven Resistance to Sun, Weather, Acids and Alkalis.

● More Brilliant and more Uniform in Body and Tone than Earth Color.

● Variety of Tones obtained by mixing pigments, or adding white.

HIDING POWER

A given quantity of paint, varnish or lacquer vehicle pigmented with Mapico Yellows will have FOUR TIMES the Hiding Power of an equal quantity formulated with the same proportion of EARTH COLOR.

ECONOMY

Low percentage of pigment required results in low dollar cost for MAXIMUM COVERAGE.

MAGNETIC PIGMENT CO.
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MAPICO COLORS
are also produced in
REDS
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MAPICO

Inquiries Invited from Manufacturers and Their Technical Staffs

Oils, Fats and Waxes

May Cottonseed Oil Consumption Only 184,795 Barrels—Prices Decline Sharply—Lard and Tallow Lower—Linseed Oil Reduced —Coconut and Babassu Off — Chinawood Steadier

Quotations on miscellaneous vegetable, animal and fish oils, fats and greases still had a downward trend, various commodities being available at further concessions. Business in general was quiet. Here and there a fair inquiry was noted from consumers who were in need of fresh supplies, but as a rule purchasing was limited to comparatively small quantities, especially as the trend of lard and cottonseed oil futures was strongly downward. The monthly cottonseed figures from the Census Bureau made an unfavorable showing, the indicated consumption of refined oil during May being considerably smaller than expected.

A rallying tendency developed in primary and domestic markets for chinawood oil although changes in quotations were narrow. Babassu and coconut oils were shaded in the absence of any improvement in demand. Palm oil was easier for shipment but the spot market remained steady. Rapeseed oil continued to display firmness as supplies are unusually small. Tallow offerings were somewhat freer and the market was easier, sales being reported at a decline. Greases were also weaker in company with tallow. Cash lard quotations had a downward trend at times, the market being influenced by developments in futures. Animal oil prices were maintained by producers at the levels prevailing in the previous week. Offerings of crude fish oils continued light and refined oil prices ruled steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ¼c. per lb.
Oiticica oil, ¼c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Coconut oil, crude, ¼c. per lb.
Copra, ¼c. per lb.
Corn oil, ¼c. per lb.
Cottonseed oil, imported, ¼c. per lb.
Grease, ⅛c. to ¼c. per lb.
Lard, ¾c. to 1¼c. per lb.
Linseed meal, 50c. per ton.
Linseed oil, 1-10c. per lb.
Palm oil, shipment, ¼c. per lb.
Peanut oil, ¼c. per lb.
Tallow, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
140.6	**142.8**	**143.8**	**112.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market had an easier tone in the absence of any improvement in demand, weakness in some other vegetable products making consumers inclined to hold off. For July forward, sellers quoted 8¾c. to 9c. per pound in tankcars, showing a decline of ¼c. for the week.

Chinawood.—A steadier tone developed in domestic markets last week, this being a reflection of conditions abroad where the market displayed a rallying tendency at times. Price movements in the primary market were not very important but there was sufficient improvement in the situation to make importers and dealers here more reserved and offerings were light much of the time. The inquiry was somewhat better and business was reported to have been closed at prices showing an advance of about ⅛c. to ¼c. per pound, though the quantity involved was apparently unimportant. According to statistics from an official source, shipments from Hongkong to the United States for four months ended with April were 4,165,060 pounds.

Coconut.—An easy tone continued to prevail in domestic markets for crude oil last week. Advices from the primary market for copra and oil contained nothing stimulating and buyers continued to hold aloof from the domestic centers. Quotations were reduced ⅛c. to the basis of 5⅞c. per pound for July forward shipment in tankcars. There appeared to be little oil available for immediate delivery. Refined oil met with a fair demand and the market was steady at unchanged quotations. Advices from the Coast reported the copra market as easy owing to a lack of buying interest.

Corn.—Crude oil was quiet and easy, the market being influenced by depressing developments in other vegetable products. Quotations were shaded ¼c. per pound, but there was no increase in offerings and prices appeared to be largely nominal. Refined oil was in fair demand and steady.

Cottonseed.—Edible oil was fairly active and the market remained steady, quotations being held by refiners at previous levels. Imported oil was quiet and easy though offerings were reported as light.

Oiticica.—The rallying tendency in chinawood oil was reflected in a steadier market for oiticica oil, quotations being about ¼c. per pound higher on spot. There was a fair inquiry.

Palm.—Spot supplies appeared to be small but the market for shipment was easier, quotations being shaded about ⅛c. per pound although offerings were reported as comparatively light.

Peanut.—An easier tone developed in company with other vegetable products although offerings were reported as light. Quotations were shaded ¼c. but the figures appeared to be largely nominal. A 1,000 percent increase in consumption of crude peanut oil in the United States during the past two years was reported by the Bureau of Agricultural Economics in its June "Fats and Oils Situation." The Bureau said that apparent disappearance of 134,000,000 pounds of crude peanut oil in 1935-36 was more than 10 times greater than in 1933-34. Increased utilization of peanut oil in compounds and vegetable shortenings was reported. Factory production of 67,000,000 pounds October, 1936-March, 1937 compares with 49,000,000 pounds in the same period of 1935-36 and 54,000,000 in the first half of 1934-35. Since 70 to 90 percent of a season's output of oil is produced in the first half of the year it is possible that relatively little may be added during the remainder of this crop year, the Bureau said.

Perilla.—Demand was slow but offerings were light on spot and for shipment, and the market retained a steady tone, quotations generally being held at previous levels.

Rapeseed.—With supplies unusually small, the market remained firm at 95c. per gallon for spot oil. For shipment, 88c. per gallon was quoted.

Soybean.—There were no further developments in the way of price changes, the market being steady at the recent decline. There was apparently no increase in activity so far as new business was concerned.

Markets at Other Centers

San Francisco, June 16.—Vegetable oils slid into lower ground last week, accompanied by a general lack of interest. Contract movements continued to go forward at a fair pace as arrivals from the Orient came in. Suppliers of copra held firm to their quotations of a week ago all during the period, but buyers on the Coast expressed their opinion today that the commodity could now be bid down. No market test was found.

Ruling prices are:—

BABASSU.—Quoted at from 8c. to 8½c. per pound in tankcars, nominally, f.o.b. mill, Pacific Coast for July-September shipment. Spot and nearby oil scarce.

COCONUT.—The market is generally quiet. Quoted at 5½c. per pound for future delivery on contract, tankcars, f.o.b. Pacific Coast ports and/or mills. Prompt and nearby oil is quoted on the basis of 5¾c.

COPRA.—Business went along at a purely routine pace during most of the week, the trade showing a mild interest at times, but later in the period activity was withdrawn and the market was a stalemate. Sales were registered at around 3.50c. per pound, c.i.f. Pacific Coast ports, buyers later pegging their ideas at figures around 3.35c. to 3.40c. Sellers, however, had evidently failed to capitulate to the lower bids and the situation was very quiet on this date.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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CHINAWOOD.—Easy. June shipment forward from the Pacific Coast at from 12c. to 12.3c. per pound in tankcars, f.o.b. ports. Sales during the period were registered below 12c.

COTTONSEED.—Easier. Japanese semi-refined oil is quoted at 9¼c. per pound, June-July shipment from the Orient, with spot and nearby stocks and nearby arrivals available on this basis, tankcars, f.o.b. Pacific Coast ports. Brazilian and Chinese oil is quoted on the basis of from 9c. to 9.05c. per pound; all duty paid.

PERILLA.—Forward and prompt shipment oil is quoted on the basis of 10¼c. per pound in tankcars, f.o.b. Pacific Coast ports, duty paid. The market is quiet.

SESAME.—Crude oil is quoted nominally at 9c. per pound in tankcars, f.o.b. Pacific Coast mills.

TEASEED.—Quoted in a nominal position at from 8¾c. to 9c. per pound in tankcars, f.o.b. Pacific Coast ports, July-August shipment from the Orient.

Chicago, June 18.—Although reports were that some large buyers had been active in purchasing certain grades of vegetable oils recently, the general trend of the market remained dull and rather lifeless. The consuming trade appeared to be following the same cautious trend which had characterized their actions for some time.

COCONUT.—Crude oil, 5¾c. to 5⅞c. per pound, prompt shipment; 5½c. to 5⅝c., deferred.

CORN.—Crude, low acid, 8½c. to 8¾c. per pound, mills, partly nominal. Refined, edible oil, 11½c. to 12c., drums, car lots; 12c. to 13½c., drums, less than car lots.

CHINAWOOD.—Ruling spot, drums, 13¾c. to 14c. per pound; futures, 12⅜c. to 12½c.

SOYBEAN.—Crude, prompt shipment, 8c. to 8¼c. per pound, drums.

PEANUT.—Crude, 8¾c. to 9c. per pound, Southeast.

Chicago, June 18.—Range for spot soybeans for the week ended June 16:—No. 2 yellow, low:—$1.36½; high, $1.48½.

London, June 10.—Soybean, British crude, 32s., per hundredweight; palm-kernel oil, refined, 35s., rapeseed oil, crude extracted, 36s.; coconut oil, Ceylon, 28s.; peanut oil, Bombay crude, 31s.; sardine oils, 20s, 9d.; whale oil, crude, 22s. 6d.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Linseed Oil

Flaxseed quotations were irregular. Linseed oil was reduced slightly and meal was easier. Cake steady.

Flaxseed—DULUTH, June 18.—Growing conditions in the flaxseed areas of the Northwest have been ideal except in Montana, but it was reported raining there now. Seeding operations were continuing in the western part of North Dakota and in the northern zones, according to trade reports. Conditions in Canada have declined in spite of excellent rains in Manitoba and some rains in Alberta. The prospect for raising a flaxseed crop in the drouth areas of Saskatchewan and southeastern Alberta was declared almost hopeless. Reports from Canada said that 90 percent of the acreage is in the driest condition ever experienced and without rainfall within the next ten days the crop can be a total failure.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.91	$1.91	$1.89
Monday	1.87	1.87	1.87
Tuesday	1.91	1.91	1.91
Wednesday	1.90	1.91	1.90
Thursday	1.89½	1.89½	1.89½
Friday	1.89	1.89	1.89

Crop movement in bushels follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	.....	38,611	146,570	....
Since Aug. 1...	954,186	3,698,413	1,241,139	2,540,367

MINNEAPOLIS, June 18.—Considerable Argentine flaxseed came to market during the week to apply on direct purchases and in addition there was a fair run of domestic quality coming from a wide range of country. The clean-up from all sections gave the market a little better supply than anticipated.

However, demand was fairly good for the daily offers and prices held firm as compared with futures. One crushing company was buying for oil and another bought ordinary quality for delivery purposes or cleaning. Otherwise there was no demand of importance. A cash interest picked up a few cars of heavy dockage content to clean for a certain class of screenings.

Currently the country movement is light as farmers have just about sold out their small reserves. Much more flax was used for seed than anticipated as many of the farmers decided to plant their odd lots in place of selling same.

Because of the influx of Argentine seed local public elevator stocks showed a gain of 20,000 bushels in four days. Very little of the gain represented domestic seed. Crushers have no plethoric supplies even with their accumulation of Argentine quality and will try to spread the supply through the summer months so there is not apt to be any notable increase over current use at any time during the summer.

Farmers are still seeding in western North Dakota and most indications point to as large an acreage as was planted last season.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.91	$1.88	$1.89½
Monday	1.89½	1.86½	1.88
Tuesday	1.93½	1.90½	1.91
Wednesday	1.94	1.91	1.91½
Thursday	1.92½	1.89½	1.89½
Friday	1.90¾	1.87¾	1.87¾

Crop movement in bushels as follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	134,460	41,000	....	111,220
Since Sept. 1...	4,076,200	7,864,270	456,700	1,473,030

WINNIPEG, June 18.—The market for flaxseed futures was quiet and irregular. Crop news was less favorable. The week's closing range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.62¼	$1.63¼	$1.62½
Monday	1.61⅞	1.62⅜	1.61⅝
Tuesday	1.61⅞	1.62¼	1.64⅜
Wednesday	1.63⅝	1.64¾	1.65⅜
Thursday	1.62⅞	1.63¾	1.63½
Friday	1.59¼	1.60	1.61

BUENOS AIRES, June 18.—Opening prices per bushel on July contracts were:—

	Last week.	Last year.
Saturday	$1.28½	$1.20⅝
Monday	1.28½	1.20⅝
Tuesday	1.26⅝	1.20⅜
Wednesday	1.29	1.20⅝
Thursday	1.28½	1.21⅜
Friday	1.28½	1.21⅜

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	358,000	106,000	.....
United Kingdom	.....	.....	.....
Continent	331,000	291,000	677,000
Orders	51,000	476,000	295,000
Others	86,000	276,000	.....
Totals	826,000	1,059,000	972,000

Since January 1

To—	Bushels— This year.	Last year.
United States	16,287,000	5,582,000
United Kingdom	472,000	295,000
Continent	11,268,000	14,764,000
Orders	11,951,000	7,172,000
Others	3,304,000	1,214,000
Totals	43,282,000	29,027,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,693,000
Last year	5,906,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	408,000	464,000	40,000
Continent	16,000	.....	16,000
Others	.....	12,000	24,000
Totals	424,000	476,000	80,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	1,996,000	2,276,000
Continent	100,000	556,000
Others	92,000	44,000
Totals	2,188,000	2,876,000

HULL, June 18.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£13	£15⅝
Monday	13	15¼
Tuesday	13	15¼
Wednesday	13	15⅜
Thursday	13	15¼
Friday	13	15¼

Linseed Oil.—An easy tone continued to prevail, quotations again being shaded by crushers as demand continued slow and the trend of other vegetable oils in some cases was still downward. For oil in tankcars 10.4c. per lb. was generally quoted with the usual differential prevailing for oil in cooperage.

So far as new business was concerned, the market was a very small affair, and few in the trade were disposed to look for any change of consequence in the attitude of buyers until the July government report on the flaxseed crop in this country appears. Unfavorable developments in labor and political affairs also had a tendency to make consumers hold aloof from the market.

There was a steady and liberal movement of oil into consuming channels on contracts previously placed, however, the shipments apparently being sufficiently large to prevent any addition to supplies at the mills. Stocks at local crushing plants were reported as very small and the situation seemed to be similar at the mills in other parts of the country.

Reports from Canada concerning the progress of the new flaxseed crop were less favorable, the principal drawback apparently being lack of moisture. In some sections conditions were said to be the worst for many years past. Crop accounts from the American northwest were generally favorable. Seeding was still in progress in some sections. Demand for cash seed at Minneapolis was good and the offerings were readily absorbed.

Arrivals of flaxseed at New York last week amounted to 162,520 bushels.

MINNEAPOLIS, June 18.—Little of interest showed in oil news of the week. There was some buying for prompt or nearby shipment, chiefly in small lots. Users made some fill-in purchases because of slight miscalculations covering summer needs. Paint manufacturers continued to buy small fill-in lots because their business exceeded expectations.

Currently the labor situation is militating against oil trade, especially that con-

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nected with the steel industry. Other processors are buying in fairly steady manner for nearby requirements. Interest in deferred shipment is very meager and disappointing. Most of the buyers are waiting on labor and crop news at the moment. Crushers are not expecting much revival in trade until labor difficulties are on the way toward settlement.

Shipping instructions on maturing contracts are very good and stocks continue to decrease steadily. It looks now as though the crushers would permit almost complete drainage of reserves from tanks because of their moderate flaxseed reserves and decidedly slow demand for linseed meal.

Quotations on carload lots f.o.b. Minneapolis, cooperage 11c. per pound, tankcar lots 10.4c. per pound, warehouse lots 11.4c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,788,586	3,665,005
Since Sept. 1	59,356,741	93,142,040

CHICAGO, June 18.—Further recessions in linseed oil have been witnessed here, with buyers holding off to a large extent. The price structure is now ruling at lowest levels in a considerable period, but, even so, buyers are keeping their orders to a low level. The movement of material out to the trade accordingly is of quite limited proportions. Ruling prices of representative sellers are:—Tankcar, 10.4c. per pound; car lots, 11c.; warehouse deliveries, drums, 11.4c.

SAN FRANCISCO, June 16.—The linseed oil market is easy and is generally lacking in feature. Business in the local area is about at a standstill and the situation remained unsettled. The influence of cheap oil in the Los Angeles district was no stabilizing factor and this seemed to add to the unwillingness of buyers here to decide on any purchases for future delivery. Quoted: Tankcars, 10.7c. per pound; drum car lots ex mill, 11.3c.; drum lots ex warehouse, 11.7c.

LONDON, June 11.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	29	4½
Monday	29	1½
Tuesday	29	0
Wednesday	29	4½
Thursday	29	1½
Friday	29	1½

Cake and Meal.—The market had an easier tone in the absence of any improvement in trade. Cake prices on spot were maintained at previous levels but meal quotations were lowered 50c. per ton. New business in meal was extremely quiet. Export inquiries for cake were limited to unimportant quantities.

MINNEAPOLIS, June 18.—Meal demand is very slack and there is no feature to report except dullness. Buyers for feed mixing purposes are lax on account of the sharp decline in millfeed values and dairy interests are waiting on the side-lines because of luriant pasturage to date. So far there has been no sign of this pasturage fading.

With stocks on hand accumulating and most everything favoring the buying trade there is no occasion to compete for offers and trade initiative is being left to the crushers and re-sellers. Shipping instructions come with the meager volume of orders and there is virtually no old business to clean up. Stocks on hand are liberal. Soyabean and cottonseed meal are available in fair and sufficient volume so this remains a factor unfavorable for the selling traders.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $37.50 to $38 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	1,612,460	3,254,740
Since Sept. 1	92,384,239	171,034,800

CHICAGO, June 18.—Buyers are keeping out of the linseed meal market to a substantial extent. The feeders state they are not in need of very large amounts of material because of the good condition of the pasturage situation, and independent reports from the field seem to confirm this. There is a certain amount of inquiry current at this time. Resellers are moderately active in the market at this time. Round lot business remains at a low ebb. Ruling prices are:—Round lots, $41 per ton, largely nominal; car lots, $41 to $42; less than car lots, $43 to $44.

Cottonseed Oil

Refined oil futures were active, with the trend of prices downward. Southern markets quiet. Cotton crop news mostly favorable.

Cottonseed Oil. — Bearish sentiment prevailed in cottonseed oil circles last week and the trend of prices was downward, the more active months dropping to around 9c. per pound as compared with about 9.70c. at the close of the previous week. Selling was general and was due mainly to the disappointing character of the monthly report from the Census Bureau which indicated that the consumption of refined oil during May was only 184,795 barrels, or from 25,000 to 50,000 less than many in the trade had expected. Contributory factors in the decline were pronounced weakness at times in lard futures, favorable reports concerning the progress of the new cotton crop and disturbing developments in labor and political affairs.

Local traders sold rather aggressively at times. Hedge selling of new crop months showed some increase. Foreign, western and Wall Street firms were credited with sales. Buying on a scale down was noted for account of local and outside traders. Purchasing in some cases was apparently based on the opinion that the market was entitled to at least a temporary rally on general principles if for no other reason. Some contend that present prices discount much that is bearish in the situation. In the main, however, there was more disposition to sell than there was to buy and rallies in prices were generally small and temporary.

The consumption figures compared with 212,422 barrels in the previous month, 172,443 barrels in the same month last year and 219,825 barrels two years ago. The visible supply decreased 144,200 barrels during May as compared with a decrease of 154,000 barrels in the same month last year. The total visible at the close of May was 1,588,600 barrels against 1,329,900 barrels a year ago and 1,579,600 barrels two years ago. Receipts of seed at the mills during the ten months ended with May were 4,454,079 tons against 3,705,562 tons in the same time last season; crushed 4,390,612 tons against 3,741,013 tons. Stocks of seed at the mills at the close of May were 85,158 tons against 52,124 tons last year; crude oil 49,139,223 pounds against 62,698,301 pounds; refined oil 566,704,112 pounds against 460,212,901 pounds.

Tallow reacted, sales being reported at a decline of ¼c. per pound. Babassu and coconut oils were available at further concessions. Stocks of lard in Chicago decreased 1,154,089 pounds during the first half of June. This compared with an increase of 3,429,723 pounds in the same time last year, but the decrease for the current year was smaller than expected. Stocks in that market on June 15 were 116,872,939 pounds against 49,728,030 pounds on the same date last year. The weight of the hogs received in Chicago during the week ended June 12 averaged 248 pounds against 246 pounds in the previous week and 254 pounds in the same week last year. Receipts of hogs in the principle western markets for five days of the week aggregated 180,600 head, against 232,600 head in the same time last year.

According to the weekly government cotton report considerable improvement was noted in Texas following recent rains, though there was some damage by hail and high winds. Plants are generally in healthy condition. In Oklahoma, progress was only fair because of wet, cloudy weather; plants are late and need sunshine. In Arkansas, progress was good to excellent. In central states of the belt the weather was mostly favorable, though some weevil activity was reported. In the eastern states progress was generally good.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from June 12 to June 18, inclusive:—

	Cents per lb. in tanks. High.	Low.	Close.	Sales. Tanks.
July	9.66	9.10	9.12@ 9.13	420
August	...	...	9.10 nom.	...
September	9.71	9.02	9.13@ 9.14	329
October	9.69	9.03	9.12@ 9.13	299
November	...	...	9.12 nom.	...
December	9.50	8.96	9.04@—	264
January	9.36	8.98	9.06@ 9.07	210
February	...	...	9.06 nom.	...
Total sales (46 switches)				1,568

Crude, Southeast, 8.25c. nom.
Valley, 8.25c. nom.
Texas, nominal.

Chicago, June 18.—Offerings of cottonseed oil in the market here have been along lines evincing an easier attitude in certain respects. The current flow of business has been along moderate lines. Buyers are maintaining a cautious attitude, shopping around and keeping commitments low. Good, off-Summer, yellow fig oil is 9⅝c. per pound. Refined, edible oil is quoted at 12½c. to 13c. per pound, barrels; and 13¼c. to 13½c., barrels, less than car lots.

Hull, June 18.—Quotations on cottonseed oil were:—

	Refined, Per cwt. s.	d.	Egyptian crude, Per cwt. s.	d.
Saturday	30	0	27	0
Monday	30	0	27	0
Tuesday	30	0	27	0
Wednesday	30	0	27	0
Thursday	30	0	27	0
Friday	30	0	27	0

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Cake and Meal.—An easier tone was noted in parts of the South as a result of developments here in cottonseed oil. Offerings were reported as light. According to official statistics, production during ten months of the season ended with May was 1,976,029 tons against 1,700,106 tons in the same time last season. Stocks at mills at the close of May 84,223 tons against 164,459 tons last season.

Markets at Other Centers

Atlanta, June 17.—Cottonseed products developed further weakness. Oil is at a new low at 8½c. per pound. Meal is down $3 per ton from the season's high at $41.

The growing crop is reported improved in condition. Local showers have been frequent enough to bring the plants to a maximum rate of growth.

Quotations of this market are as follows:—

OIL.—Prime crude, 8½c. per pound.
MEAL.—7 percent grade, $38 per ton, interior mills.
HULLS.—Loose, $12 per ton.

Memphis, June 18.—A few tanks of crude cottonseed oil sold this week at 8¼c. per pound, Memphis basis. Meal quoted at $33 per ton for 41 percent, Valley basis, and cake $30.50 per ton, prompt shipment. Sales of futures in the Memphis pit at $24.10 for November delivery, and $24 for December. Some inquiry for new crop months from fertilizer interests. Present prices appear to some to discount a large cotton crop. Weather fair and warm.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	June 10.	June 17.
July	$31.60@31.90	$31.10@31.40
September	25.00@25.25	25.35@—
October	24.40@—	24.25@24.45
December	24.25@—	24.00@24.50

Animal Oils

Degras. — A firm tone continued to prevail. Supplies on spot appeared to be light or moderate and there was no increase in offerings for shipment. Trade was fair.

Lard.—Quotations were maintained at previous levels, the tone of the market being steady. Business lacked snap but there was a fair demand for the various grades from local and other consumers.

Neatsfoot. — The market retained a steady tone, previous selling schedules remaining in effect. There was a fair inquiry though consumers were not inclined to purchase ahead.

Oleo.—Prices were maintained at recently advanced levels. There was a somewhat better inquiry though purchasing was generally limited to comparatively small or moderate quantities.

Markets at Other Centers

Chicago, June 18. — While buyers of animal oils apparently are not inclined to expand the scale of their purchases, the business being done in such items as lard and oleo oils is sufficient to maintain the general structure and tone. The prices which have been ruling for some little time are those generally observed in the quotations of representative sellers.

LARD.—No. 1, 12c. to 12¼c. per pound.
OLEO.—No. 2, 12c. to 12¼c. per pound.
TALLOW.—Acidless, 11c. to 11¼c. per pound, tanks; 12c. to 12½c., drums.

Fish Oils

Menhaden.—A steady tone continued to prevail in the market for refined oil, quotations being maintained at the level ruling in the previous week. There was little change in the character of business, consumers still being disinclined as a rule to purchase in advance of current or nearby requirements. According to some reports, returns in regard to fishing results in Chesapeake waters were fair.

Sardine.—Refined oil quotations were unchanged and the tone of the market appeared to be steady. Business lacked snap but according to some reports the inquiry for comparatively small or moderate quantities was fair. Offerings of crude oil on the Coast were light and the market remained quiet with quotations nominal.

Sperm.—Consumers were not inclined to anticipate to any extent but there was a fairly active call for moderate quantities and the market retained a steady tone.

Whaling licenses for two shore stations, three factory reduction ships, one observation-killer boat, and 30 killer boats, as required under "The Whaling Treaty Act," of May 1, 1936, have been issued to date, according to Frank T. Bell, U. S. Commissioner of Fisheries, of the Department of Commerce, which is the licensing body under that Act. The two shore stations, located at Akutan and Port Hobron, Alaska, are the only ones located on the North American continent.

Markets at Other Centers

San Francisco, June 16.—Herring fleets were said to be operating in Alaskan waters last week—harbinger of the new 1937-38 season on the Pacific Coast, but aside from that not one solitary bit of interest was in the market anywhere. All remained quiet. No bids were heard. Nor were any offers on any new season fish oil in the market. The situation was one of genuine stalemate and nobody in the trade could hazard a guess as to just where and when the first of the season's selling operations might start. With production already practically present in the Northwest, it might well be in that area. In any event, California operators were keeping very quiet and showed no inclination last week to engage any selling activities.

The planned meeting of the California Fish & Game Commission for June 10, wherein such things as fishing tonnage permits for the shore plants were to be decided on, together with a floating plant working proposal discussion, was postponed for one week and members of the commission were to get together in a few days. It is hoped by commission members that floating plant operators, who ordinarily operate outside the three-mile limit, will bring their vessels into the harbors this season and work with the Fish & Game Commission on a tonnage permit basis, as do the licensed shore plants. During the past several years that the floaters have been operating considerable agitation has been set up by the commission and shore plants because of the lack of more cooperation in the industry. The commission's restrictions on tonnage used by the shore plants, put in force from a conservation standpoint, cannot be made applicable to the floaters because they operate outside state jurisdiction. Last season, however, in order that the shore plants be placed in a more competitive position, the commission in effect allowed practically an unlimited tonnage to be used by shore operators.

Baltimore, June 16.—Another week has passed without any trading in menhaden oil. Both pressers and soapers display a hesitant atitude about entering into commitments as to price, regarding the outlook as too uncertain just now, with the prospect of a fair yield of oil rather promising, which, if realized, it is felt, would have a bearish effect upon the market. Neither the buyers nor the sellers display a willingness to name definite figures, the former fearing that the later transactions may bring an easing off in the quotations, while the latter incline to the view that what with the contracts concluded already on a when-and-if-made

(Continued on page 61)

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CALS OF QUALITY

Monsanto

Drugs, Fine Chemicals

Third Quarter Alcohol Prices One Cent Higher—U.S.P. Zinc Oxide Advanced—Crude Glycerin Output Smaller—Good Demand for Quinine—Methyl Acetone Easier

Business in the market for drugs and fine chemicals was reported showing some improvement last week. In recent periods, some factors had reported a fairly pronounced slump in demand broadly distributed through the market but in these quarters the report last week was that trade had undergone some betterment and that on the whole business had been fairly good most of the time during the period under review.

Important among the developments last week was the announcement of alcohol prices to prevail during the third quarter of the year. The schedule made public last midweek. The schedule was 1c. higher than that prevailing prior to the announcement, that being a development which the cost of production plus the generally improved position of the market had forecast with reasonable accuracy. New quotations were as follows:—C. D., tanks, 29c. per gallon; drums, car lots, 35c.; 20 drums, 37c.; 1 to 19 drums, 39c.; S. D. No. 1, tanks, 27c.; drums car lots, 33c.; 19 drums, 35c.; 1 to 18 drums, 38c.; Special solvent, tanks, 28c.; drums, car lots, 34c.; 20 drums, 36c.; 1 to 19 drums, 39c. These prices prevailed at the works, East of the Rocky Mountains. West of the Rockies, prices on completely denatured alcohol were 3c. over the schedule quoted above. Ethyl alcohol was also advanced 1c., making tanks $4.06 per gallon; drums, car lots, $4.12; 19 drums, $4.14; 1 to 18 drums, $4.17.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Alcohol, completely denatured, 1c. per gal.
specially denatured, No. 1, 1c. per gal.
special solvent, 1c. per gal.
ethyl, 1c. per gal.

Reduced

Methanol, denaturing grade, 2c. per gal.
Soda mandelate, $1 per lb.
Sulfanilamide, $1 per lb.
Zinc oxide, U.S.P., ½c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.5	**181.5**	**181.5**	**178.8**

Market news that may have developed after this report was sent to press will be found on page 4.

showed a one cent rise over the prices prevailing for the past several weeks. Higher prices had been expected for two reasons: First, because of the strong tone influencing production costs; and, second, because of the considerable improvement that has come to the alcohol market in general.

The Agricultural Adjustment Administration bought more skimmed milk powder last week, taking up some 3,264,900 pounds of what might have become surplus production. The prices paid were low, and the merchandise bought will be delivered from a large number of the states prominent in the production of dairy products.

Demand for quinine was excellent and the market was firm. Government buying of both quinine and the derivatives of crude iodine accounted for some very large business going onto the books of the producers. Japanese methanol production was reported gaining sufficiently to cover all the home requirements of Japan, with chances being favorable for inclusion of that article in the government's synthetic fuel program. It has been declared that Japan would have an exportable surplus of the article and some of its derivatives.

Soda mandelate and sulfanilamide were lower because of some savings in production costs.

Acetanilide.—Sales volume was well maintained and from present indications, it seemed likely that business would be maintained at current levels for some time to come. Prices were distinctly firm at all times last week.

Acid, Citric.—Business was good. Demand for beverages acidulated with this item has grown substantially with the arrival of good, warm weather and shipments to manufacturing consumers have increased. Undertones in the market were very firm.

Acid, Pyrogallic.—Seasonal demand was very good, transactions showing the expected expansion that has tended to make prices generally firmer. Supplies were fully equal to the present call.

Acid, Tartaric.—Steady demand for substantial quantities was evidence that the season of increasing consumption was proving satisfactory in almost all respects. No further change in production costs has taken place since the recent rise in quotations on argols forced higher levels on tartaric acid. Prices were very firm.

Alcohol.—Third quarter prices were

Bismuth Metal and Salts.—Demand lagged somewhat last week. The call was irregular from day to day and quantities wanted were conservative in size. Prices for salts continued to be highly favorable for buyers with firm orders to place. They were too low in comparison with the cost of metal, it was said.

Calcium Gluconate.—Very fair demand was reported. The volume compared favorably with that in recent weeks and prices were still on a very firm basis. Use of the article was said to be increasing.

Calcium Glycerophosphate. — Inquiry was good and sales were steady and maintained at a volume about normal for this item. Buyers traded fairly well ahead of their actual needs and found the market to be a very steady affair so far as prices were concerned.

Castor Oil.—Moderate demand was the rule. Business has flattened out somewhat of late because of the uncertainty that has arisen regarding the future trend of trade. However, prices remained very steady.

CHICAGO, June 17.—Orders for castor oil continued to be booked by sellers at a rate which shows a good amount of interest. The shipments accordingly are going forward at a rate which makes a good comparison with earlier conditions. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Chloral Hydrate.—A moderately good request was noted for this item. Trade was about all that could be reasonably expected and values showed a deal of stability throughout the period.

Chloroform.—Industrial consumption of technical material was said to compare well with normal transactions in the item. Movement of U.S.P. goods was very fair in most respects. Prices were steady to firm.

Codliver Oil.—The official fishing season was virtually at an end in Norway. Results of the catch in Finmarken continued to run well behind those of a year ago and that fact alone has been sufficient to strengthen the prices at the source of supply. Also, sales of oil for later shipment have been very good and that has added strength to the market, too. Locally, not a great deal of trading was reported last week but values continued to be firm.

BERGEN, June 1.—Fishing continues on a small scale and last week the total output in this country was 834 barrels, against 1,258 barrels the corresponding week last year. Norway's total catch and production up to the present time compare with previous years as follows, according to the official report issued yesterday:—

	Fish, kilos	Crude oil, barrels.
1937	153,900,000	66,048
1936	130,090,000	54,645
1935	111,600,000	57,473
1934	138,500,000	72,828
1933	137,400,000	67,103

There is at the present time a very strong demand for oil and this, in connection with the poor fishing in Finmarken, has caused quite considerable rise in crude oil prices here recently. The situation today is that there are many buyers and few sellers in the market and it looks as if prices will go still higher.

Formaldehyde.—Reports from Japan indicate that in all probability that country will be able to supply its re-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Salicylic Acid
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Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
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quirements of this item through the increase in home production. This will be possible because of the increase in methanol production. Demand for formaldehyde in this market was very fair last week and the undertone on spot remained firm.

Glycerin.—Requirements of the country are being filled now with a fair degree of promptness. Production is taking care of manufacturing consumers' needs in very good shape and the general position of the market has improved with the development of considerable stability in the price structure. Reports indicated that the production of soap is tending downward somewhat. The high speed output that featured factory operations earlier in the year built up inventories very well and hence production has been curtailed somewhat. Of course, that will mean a lessening of the production of soaplye glycerin, a condition which some refiners think may result in a substantial strengthening of the glycerin market as a whole later in the year.

CHICAGO, June 17.—While routine activity continued in c.p. and other grades of glycerin, nothing of a very outstanding nature occurred. Business booked is reaching fair totals. Ruling prices are:—C.p., drums, car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 25c., according to quantity; dynamite, car lots, 21½c.

Iodine and Iodides.—Government buying within this group has involved quantities sufficiently large to prove attractive to leading factors in the market. However, the producers say that their profits at the present prices for iodine derivatives are far too small notwithstanding the fact that crude iodine is exceptionally low in cost.

Menthol.—The local market was very dull. Demand was confined to narrow quarters and the total volume of trade was built solely from jobbing orders. The market in Japan was reported to be fairly firm considering the fact that often times it declines in price in order to influence the cost of peppermint oil which will be produced for the manufacture of menthol.

Methanol.—Japanese production of this item is gaining and is expected to increase under the stimulus of consumption for chemical purposes, as well as because of the strong probability that the government will include it among the items in its synthetic fuel program. Japanese home consumption for the manufacture of formaldehyde, dyestuffs, and other non-fuel uses is estimated at 7,000 to 8,000 metric tons annually. Excepting the output of two Japanese factories who manufacture solely for their own consumption, the present productive capacity of the country is 18,000 metric tons per year. The market in this country was fairly active last week as the requirements of manufacturers have been maintained in very good volume. Prices on pure were steady, but denaturing grade was lower by 2c. per gallon, being the result of competition. Tanks were quoted 38c. per gallon, effective today.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

IF you wish to be well regarded as a customer, you will not retain returnable containers beyond the time when your suppliers expect to get them back.

Methyl Acetone.—Although no change in the open quotations on this article has been made as yet, it was learned that business was occasionally being booked at levels shading the established schedule of quotations. A reduction in quotations has been forecast for some time.

Milk Powder.—The feature of the market was the further buying by the Agricultural Adjustment Administration. Bids to supply 3,264,900 pounds of skimmed milk powder were opened June 15 and prices at which that quantity will be supplied ranged from 5.5c. to 6.25c. per pound, f.o.b. shipping points. Deliveries are to be made in the latter part of June from plants in Wisconsin, Michigan, Ohio, Missouri, Nebraska, Minnesota, California, Maryland, and New York. The material is being bought to improve the farmers' market and to supply material for relief purposes.

Quicksilver.—A strong market continued to prevail. Very good demand existed for every pound of domestic metal available at this time. Foreign market prices have turned firmer again after a slight weakness noted in London. The fact was that metal abroad was under excellent control and stocks were none too plentiful.

SAN FRANCISCO, June 14.—Local factors report the quicksilver market as quiet and firm, but lacking particular feature at the present time. Buyers are taking up supplies quietly, but there is no tendency to push supplies into the market.

Quinine.—The movement of sulphate into consuming channels was excellent. Sales volume was reported to be ahead of that a year ago and conditions favored the miantenance of a very good call for the item. Prices were firm and in very stable position, being free from influences likely to eventuate in unsettlement of the world market.

Rochelle Salt.—Production cost has not risen further but the market was exceptionally firm and with demand being quite active, conditions were entirely favorable for the maintenance of current quotations.

Seidlitz Mixture.—Demand was very good and in view of the continued strength in raw material prices, the value of this item was very firm and free from unsettlement.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces:—small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided.

	Per ounce	Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅞	44¾	20
Monday	32⅞	44¾	20
Tuesday	32⅞	44¾	19⅞
Wednesday	32⅞	44¾	19⅞
Thursday	32⅞	44¾	19⅞
Friday	32⅞	44¾	19⅞

Soda Mandelate.—Because of the decline in prices on mandelic acid, quotations on this item have been reduced to $4.25 per pound in twenty-five pound jars, and to $4.50 in five pound bottles.

Sulfanilamide.—Increased use has led to larger production at some savings in costs. Quotations have been reduced to $4.65 to $4.75 per pound in fiber drums, and to $5 in five pound bottles.

Zinc Oxide.—Prices covering car lot quantities of U.S.P. material have been advanced to 9½c. per pound and a very firm market was established thereat. Outlook for trade during the balance of this year was said to be very good.

National Sales Group Elects

The National Federation of Sales Executives has elected the following officers:—Chairman, R. D. Keim, vice-president of E. R. Squibb & Sons Co.; vice-chairmen, J. C. Aspley, president of the Da'nell Corporation, and Raymond Bill, editor of *Sales Management;* president, W. V. Ballew, sales manager of the Dr. Pepper Company; treasurer, Bernard Lichtenberg, president of the Institute of Public Relations; secretary, E. F. Anderson, executive secretary of the Wholesale Merchants' Association of Dallas.

Alcohol Freight Cut Postponed

Proposed new motor freight rates on denatured alcohol from Tallant, Okla., to points in Illinois, Indiana, Michigan, Missouri, Ohio, and Wisconsin are suspended from June 11, 1937, to September 9, 1937, by order of the Interstate Commerce Commission. The suspended schedules would establish reduced rates on the commodity. The commission has scheduled a hearing in the case for July 20.

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CHEMICALLY PURE GLYCERINE
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Keim Heads Sales Executives

R. D. Keim, vice-president of E. R. Squibb & Sons, pharmaceutical manufacturer, this city, was elected chairman of the National Federation of Sales Executives at its second annual meeting, held in Chicago, June 3 and 4. More than five hundred sales executives, representing practically every line of business, attended the two-day session. Mr. Keim has been very active in sales organizations having served in the past as president of the Sales Managers Club of New York, and as a member of the American Society of Sales Executives.

R. D. Keim

Standard Brands Loses Plea

Standard Brands, Inc., of this city, was denied June 14 its plea for dismissal of a Federal Trade Commission complaint charging violation of the Robinson-Patman Anti-Price Discrimination Act. The commission complaint alleged that the company had discriminated in favor of large bakers on yeast prices.

Philadelphia Drug Exchange Has Big Crowd at Outing

The annual outing of the Philadelphia Drug Exchange was held June 9, at the Llanerch Country Club, Upper Darby, Pa., with an attendance of 132 guests and members. Of these, sixty-seven played golf. The golf prizes were won by the following:—

Low gross—P. I. Heuisler, jr., of the Maryland Glass Company, Baltimore. This also carried with it the president's cup to be won three times for permanent possession; this cup had been won in the two preceding years by Mahlon Buck, of Smith, Kline & French, Inc. Mr. Heuisler's score was 74.

G. B. Beaumont, of Henry K. Wampole & Co., was low gross, runner-up with 81.

Low net—H. E. Reinhardt, jr., of John Wyeth & Bro., with 65; Mr. Reinhardt was also winner of the special contest prize.

Low net runner-up—G. W. Dunn, of Elmo, Inc., 66.

Kickers' handicap tied for first place:—D. R. Earl, H. B. Hebler, H. Gaffney and W. T. Miller; tied for second place:—R. Lindquist and Ken Upham; tied for third place:—R. Burns, F. H. Morrow and Mahlon Buck.

G. W. Draim, of Merck & Co., and Charles Harr, of the Dill Company, were winners in the quoits, pitching contest.

Frank Law, president of the organization, presided at dinner, which was followed by entertainment. The committee in charge of the arrangements was composed of Ray G. Anderson, chairman; J. M. Buck, H. H. Whyte, F. M. Davis, E. L. Brendlinger, F. F. Law, C. E. Vanderkleed, P. S. Pittenger, H. E. Reinhardt, jr., H. B. Price, H. C. Halberstadt, H. Z. Krupp, B. A. Ludgate, W. P. Miller, jr., G. F. Applin, T. Sparks and J. M. Rosenberger.

Glycerin Stock increases Improve Market Situation

Consumers of glycerin are now reaping the benefit of the accumulation of stocks by refiners and the accompanying decline of approximately 10c. per pound in world glycerin values. The position of the refiners is much more comfortable than it was in the recent past, and the prospective production and imports over the balance of this year should provide ample stocks to insure prompt delivery of consumer requirements.

In recent years, producers of glycerin in the United States have been conscious of the consumers' price problems and have consistently resisted the advances of prices in the world market to the extent that domestic quotations occasionally, notably in 1935, have been sufficiently below the export parity to induce imports. Such a situation is abnormal, because the United States normally needs more glycerin than is produced here. When export movement develop, it only means that consumers may have to import the deficit at higher prices later on.

Speculative and rearmament buying has subsided, and it is hoped and expected that glycerin values will remain stable at around prices quoted at the present time.

Hygrolit Company Separates Chemical and Machinery Units

Hygrolit, Inc., pioneer in the field of chemical conditioning of textile fibers and piece goods, Kearny, N. J., and which has produced and marketed both the chemicals and machinery making up the "Hygrolit System" for the textile industry, has separated its machinery division from its chemical line, and henceforth will devote its efforts exclusively to the manufacture and marketing of its chemical products. The move has been brought about, C. F. Dulken, president, reports, by the increasing demand for the company's chemical products.

American Textile Engineering, Inc., Kearny, has acquired the exclusive rights of manufacturing and marketing Hygrolit machinery in the United States, and has also taken over the complete technical staff and manufacturing force.

Obear-Nester Glass Company has taken new space in the Merchandise Mart, Chicago, and will move immediately from space 1112 to space 1099. The company's line of bottles, and of toilet, extract, and prescription ware will be displayed in the new show room, under the supervision of Frank L. Berg.

Stearns Honors Gray's 60 Years of Service

David M. Gray, vice-president and secretary of Frederick Stearns & Co., pharmaceutical manufacturer, Detroit, celebrated two anniversaries on June 2. The day marked his golden wedding anniversary, and it also signalized the beginning of his sixtieth year of continuous association with the long established firm.

D. M. Gray Gets Watch from F. S. Stearns

The day was the occasion for the presentation to Mr. Gray of a handsomely engraved Swiss watch by Frederick S. Stearns, president and general manager of the firm in whose service Mr. Gray has spent such a long span of years. Mr. Gray was born in Hamilton county, Ohio, in 1862. The same year his parents moved with him to Detroit, where he grew up. He became associated with the Stearns company in 1878; two years later he was on the road selling the company products; after that he became sales director, a position he occupied for 22 years. He then became secretary and in 1921 the vice-presidency was added to his duties.

Dr. Henry Vin Arny, retiring dean of the College of Pharmacy of Columbia University, was the guest of honor at the annual luncheon meeting June 9 of the New York Veteran Druggists Association.

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Lampblack

(See also Oil Paint and Drug Reporter for March 8, 1937; page 46)

Reagents Used in Making Colloidal Lampblack

Naphtholdisulphonic acids
Oils
Petroleum
Phenolsulphonic acids
Potassium-olein
Soap
Soot
Tannin

Sources of Lampblack

Condensed smoke of carbonaceous flame
Hydrocarbon oils
Resinous woods
Tar and pitch (where the dead oil is not obtainable)

Mothproofing

Substances Used as Repellants of Clothes Moths

(Continued from June 14 Issue)

3:5:3′:5′-Tetrachlor-6:6′-dimethoxytriphenylmethane-2″-sulphonic acid
Tetrachloroethylene
Tetrachlorohydroxydiphenylmethane
2:4:5:5′-Tetrachlor-2′-hydroxydiphenylmethane
2:6:3′:5′-Tetrachlor-2′-hydroxydiphenylmethane
Tetrachlorophenol
2:4:5:4′-Tetrachlor-3′-sulphoanilidobenzenesulphoanilide
2:4:5:4′-Tetrachlor-3′-valerylamidobenzenesulphoanilide
Triethylbromide
Tetraethylphosphonium iodide
(Tetrahydrobetanaphthoxy)triphenylphosphonium hydroxide
Tetraisobutylphosphonium sulphate
Tetralin
Tetralon
Tetraphenylphosphonium bromide
Tetraphenylphosphonium hydroxide
Thallium salts of—
(1)Chlorinated chaulmoogric acid
(2) Clupanodonic acid
(3) Coceric acid
(4) Cottonseed oil acids
(5) Elaidic acid
(6) Gum acids
(7) Japanic acid
(8) Linolic acid
(9) Oleic acid
(10) Resin acids
(11) Ricinoleic acid
Thallium soap
Thiourea
Thorium acetate
Thorium salts of—
(1) Chlorinated chaulmoogric acid
(2) Clupanodonic acid
(3) Coceric acid
(4) Cottonseed oil acids
(5) Elaidic acid
(6) Gum acids
(7) Japanic acid
(8) Linolic acid
(9) Oleic acid
(10) Resin acids
(11) Ricinoleic acid
Thorium soap
Thymol
Thymoxytriphenylphosphonium hydroxide
Tin acetate
Tin triethylfluoride in alcohol
Tin triethylfluoride in benzene
Tin-tetraphenyl
Titanic acid
Titanium abietate
Titanium salts
Titanium salts of—
(1) Chlorinated chaulmoogric acid
(2) Clupanodonic acid
(3) Coceric acid
(4) Cottonseed oil acids
(5) Elaidic acid
(6) Gum acids
(7) Japanic acid
(8) Linolic acid
(9) Oleic acid
(10) Resin acids
(11) Ricinoleic acid
Tribenzylarsin
2:4:6-Tribrom-3-hydroxy-4′-sulphodiphenyl carbinol
Tributyl phosphate
Tri-normal-butylamine fluosilicate
1:2:5-Trichlorobenzene-4-sulphoanilide
2:4:5-Trichlorobenzenesulphoanilide
1:2:5-Trichlorobenzene-4-sulpho-4′-chlor-3′-aminobenzene-1′-sulpho-1″:3″-phenylenediamide
1:2:5-Trichlorobenzene-4-sulpho-4-4′-chlor-3′-amino-1-sulpho-1″:3″-phenylenediamide
1:2:5-Trichlorobenzene-4-sulpho-4′-chlor-3′-amino-1′-sulpho-1″-3″-phenylenediamide
1:2:5-Trichlorobenzene-4-sulpho-4′-chlor-1′-anilide-3′-sulphoanilide
1:2:5-Trichlorobenzene-4-sulpho-4′-chlor-1′-anilide-3-sulphobenzylamide
1:2:5-Trichlorobenzene-4-sulpho-4-chlor-1-anilide-3-sulphophenylmethylamide
1:2:5-Trichlorobenzene-4-sulpho-1′:2′-dichlorobenzene-4′-sulpho-1″:3″-phenylenediamide
1:2:5-Trichlorobenzene-4-sulpho-4′:6′-dichlor-1′-phenol-2′-sulpho-1″:3″-phenylenediamide
1:2:5-Trichlorobenzene-4-sulpho-4′6′-dichlor-1′-phenol-2′-sulpho-1″-3″-phenylenediamide
Tri-4-chlorobenzenesulphometa-amidobenzidin
1:2:5-Trichlorobenzene-4-sulpho-4-methyl-1-anilide-3-sulpho-1-anilide
1:2:5-Trichlorobenzene-4-sulpho-4:4-methyl-1-anilide-3-sulpho-1-anilide
1:2:5-Trichlorobenzene-4-sulpho-1″:3′-phenylenediamide
1:2:5-Trichlorobenzene-4-sulpho-3-normal-valerylamino-4-chloroanilide
Trichlorodihydroxydiphenylemethane
3:5:5′-Trichlor-2:2′-dyhydroxydiphenylmethane
Trichlorodihydroxysulphotriphenylmethane
3:5:5′-Trichlor-2:2′-dyhydroxy-2″-sulphotriphenylmethane
Trichlordioxytriphenylmethane-sulphuric acid
Trichloroethylacetanilide
Trichloroethylene solution of 3:4-dichlorobenzenesulphodimethylamide and triethyl phosphate
2:4:6-Trichlor-3-hydroxy-5-methyl-4′-sulphodiphenyl carbinol
2:4:6-Trichlor-3-hydroxy-4′-sulphodiphenyl carbinol
2:4:6-Trichlor-3-hydroxy-2′-sulphodiphenyl carbinol
Trichloronaphthalene
Trichloronaphthalene in benzene
Trichloronaphthalene in cresote
Trichloronaphthalene in coaltar
2:6:4-Trichloroparaphenolsulphoanilide
Trichlorophenoxytriphenylphosphonium hydroxide
Tricresyl phosphate
Tridimethylaminophenylarsin
Triethanolamine fluosilicate
Triethyl phosphate
Triethylnaphthylphosphonium chloride
Triethylnaphthylphosphonium iodide
Triethylstibin dichloride
Tri-isoamyl phosphate
Trimethyl phosphate
Trimethylstibin dibromide
Trimethylstibin dichloride
Trinitrodimethylisobutylbenzene
Triphenylarsin dihydroxide
Triphenylphosphin dihydroxide
Triphenylphosphin oxide
Triorthotolylstilbin
Triparatolylphosphin
Turkey red oil
Unsymmetrical phenylcaproylpseudothiourea
Uranium salts of—
(1)Chlorinated chaulmoogric acid
(2) Clupanodonic acid
(3) Coceric acid
(4) Cottonseed oil acids
(5) Elaidic acid
(6) Gum acids
(7) Japanic acid
(8) Linolic acid
(9) Oleic acid
(10) Resin acids
(11) Ricinoleic acid
Uranium soap
Xylyldiaryl substituted guanidins
Xylyldiphenylphosphonium bromide
Xylyltriphenyiphosphonium bromide
Yttrium linoleate
Yttrium oleate
Yttrium ricinoleate
Yttrium resinate
Yttrium stearate
Yttrium tungate
Zinc fluoride, tetrahydrate
Zinc meta-arsenate
Zinc naphthalenealphamonosulphonate
Zinc naphthalenebetamonasulphonate
Zinc soap
Zincate solution of phenol
Zirconium linoleate
Zirconium oleate
Zirconium resinate
Zirconium ricinoleate
Zirconium salts of—
(1) Chlorinated chaulmoogric acid
(2) Clupanodonic acid
(3) Coceric acid
(4) Cottonseed oil acids
(5) Elaidic acid
(6) Gum acids
(7) Japanic acid
Zirconium soap
Zirconium stearate
Zirconium tungate

HEADQUARTERS
for
NEW CROP
Domestic
CRUDE DRUGS

THE GATHERING SEASON IS NOW IN FULL SWING AND WE ARE OFFERING NEW CROP GOODS FOR PROMPT SHIPMENT. WE DO OUR OWN GATHERING, GRADING AND PACKING — ENABLING US TO SERVE YOU BETTER! . . . . . .

WIRE OR WRITE FOR SPECIAL QUOTATIONS

S. B. PENICK & COMPANY
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Obituaries

(Continued from page 33)

on a fishing trip. Mr. Tate, who could not swim, was unable to adjust his life preserver before being thrown from the boat. He was thirty-nine years old.

Mr. Tate was a native of Elberton, Ga., and had been in business in Lakeland only two years, but had built up a splendid business in that time. He came of a large family, and was buried in the family plot in Elberton beside the body of his brother, Ed Brewer Tate, who lost his life in action in France. Surviving him are his wife, and two children, Emma Louise Tate and Ora Eugene Tate, 3d; his parents; three sisters, and eight brothers.

Charles H. Wood

Charles H. Wood, treasurer of the George A. Kelly Company, wholesale druggist, Pittsburgh, died June 6. He was seventy-six years old. Mr. Wood was educated at Pine Grove College, Grove City, Pa., now Grove City College, graduating with the class of '82. He was cashier, payroll clerk and assistant to the credit manager of Boggs & Buhl for eleven years. He was employed by Samuel R. Kelly, in August, 1899, and became treasurer of the George A. Kelly Company in 1935. Surviving are his wife, Mrs. Flora Jackson Wood, and three children, Charles Homer Wood, Josephine Wood Sacco, and Alexander Kenneth Wood.

Herbert R. Woodward

Herbert Roland Woodward, president of Allaire, Woodward & Co., pharmaceutical chemist and drug miller, Peoria, Ill., died in St. Francis hospital, that city, June 13, from a streptococcic infection after only a week's illness. He was sixty-three years old.

Born in Peoria, the son of Henry and Charlotte Mayo Woodward, Mr. Woodward was educated in the public schools of Peoria and was graduated from Princeton University as a civil engineer. He followed his vocation of engineering on the Pacific coast, and became president of Allaire, Woodward & Co., in April, 1917, soon after the death of his brother, Henry Joseph Woodward. Mr. Woodward was prominent in business circles in Peoria and was a member of the Creve Coeur Club and Country Club of Peoria. He was a member of St. Paul's Episcopal Church. Surviving are his wife; one son, Morrell R. Woodward, of Painted Post, N. Y.; four sisters, Mrs. Samuel Cork, and Mrs. Charles Wisner, of Toronto, Canada, and the Misses Margaret and Elizabeth Woodward, of Peoria.

Frank L. Capers, brother-in-law of Roblin H. Davis, head of the Davis Brothers Drug Company, wholesaler, Denver, died in Los Angeles, May 26. Surviving are his wife and three sons.

Charles H. Foster, executive secretary of the Colorado Petroleum Marketers Association, Denver, died in that city, June 6. He was forty-five years old, and a native of Lawrence, Kans.

George J. Lyons, secretary and treasurer of I. L. Lyons & Co., wholesale drug house, New Orleans, died June 11 in his home in that city after an illness of several months. He was sixty-five years old. Mr. Lyons was connected with the drug house for forty years and was widely known in business circles. Surviving are his wife; a son, W. Monroe Lyons; his mother, two brothers and a sister.

Prof. Arthur G. Perkin, who was appointed to the chair of color chemistry in the faculty of the University of Leeds, England, in 1915, died in his home in Headingley May 30. He was the second son of Sir William H. Perkin and was seventy-five years old.

Frederick C. Rawolle, jr., eldest son of Frederick C. Rawolle, formerly a prominent factor in the shellac and glycerin trades, died June 9. Mr. Rawolle was a graduate of Yale University and recently was graduated from the medical school at Johns Hopkins University, Baltimore. Funeral services were held June 12 from his late residence at Belle Haven, Greenwich, Conn.

J. S. Thornton, assistant treasurer of the Diamond Alkali Company, Pittsburgh, died June 11.

Botanical Drugs, Gums

Saw Palmetto Berries Up Sharply — Helonias Root Advanced —Heavy Demand for Cumin and Coriander Seeds—Cascara Sagrada Lower, Spot and Pacific Coast

While specialties had a fair call in the market for botanical drugs last week, on the whole trading was confined to actual requirements and hence demand was comparatively light and the market as a whole was the victim of the substantial inertia that blanketed manufacturing consumers' activities as related to covering future requirements. Such business was held in abeyance pending further reports concerning the progress being made in the collection areas at home and abroad.

Reports reaching the spot of late have not forecast a botanical drug crop of more than moderate size. Dealers have raised prices paid the workers, but the higher value of numerous items has not resulted in a marked increase in deliveries to warehouses in the domestic primary markets. Fair progress is being made, but at this time is does not seem probable that the supplies of crude drugs will be anywhere the size usually associated with normal reserves.

It was for that reason that the absence of much demand failed to weaken the general price structure. In point of fact, values were very firm in most instances and, in the case of helonias root and saw palmetto berries, prices were substantially higher by the close of the week. Active trading took place in cassia, coriander seed, and cumin seed. Large orders were cabled abroad, but shippers accepted only a part of the business. Cascara sagrada bark was considerably lower on the Pacific Coast, and was down somewhat on the spot. However, upward reaction of prices was freely predicted.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	2,736	15,518
Caraway	2,936	14,340
Cardamom (cases)	61	1,408
Celery	289	5,820
Coriander	6,155	7,033
Cumin	1,753	5,866
Digitalis leaves (cases)	143	153
Dill	160	565
Fennel	435	2,117
Henbane leaves (bales)	111	157
Mustard	330	13,339
Poppy	1,150	24,966
Sage leaves (bales)	20	1,131
Sesame	168	9,437
Stramonium (bales)	227	327
Thyme (bales)	311	882
Totals	14,990	88,294

Price Changes

Prices were changed during the past week as follows:—

Advanced

Coriander seed, Morocco, ¼c. per lb.
Cumin seed, Algerian, 3c. per lb.
Morocco, 1c. per lb.
Cassia, Batavia, No. 1, ⅜c. per lb.
Ginger, African, ¼c. per lb.
Helonias root, 10c. per lb.
Hempseed, ¼c. per lb.
Saw palmetto berries, 23c. per lb.

Reduced

Cascara sagrada bark, 2c. per lb.
Ginger, Jamaica, medium bold, ¼c. per lb.
Gold of pleasure seed, 1c. per lb.
Nutmegs, West Indian, ¼c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
Singapore Muntok, ½c. per lb.
Sunflower seed, California, ¼c. per lb.
poultry grade, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.4	**130.6**	**130.3**	**111.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Although the market still had an easy undertone as the result of the considerably enlarged stock of the article on spot, quotations lacked further change during the past week. Values were said to be in line with prevailing replacement costs.

Peru.—Business was somewhat irregular throughout the past week. Buyers purchased close to actual requirements and volume was conservative in size. Pricewise, the market appeared to be fairly steady.

Barks

Cascara Sagrada.—Prices in the primary market have declined substantially. So great has been the reduction that local opinion was that values were probably too low and that upward reaction was a development to be expected in view of what was paid for bark at the beginning of the collection season. Spot quotations recovered to 12½c. to 13½c. per pound after sagging to the basis of 11c. at one time early in the period.

Cottonroot.—Most dealers look for a strengthening of the recently easier market. It was said that the actual production last Winter had been far too small to make continued weakness in prices a reasonable expectation.

Elm.—July delivery of select bark was still offered at 25c. per pound, but manufacturing consumers did not appear to be anxious to close with offerings made at this time. The situation warrants a close watch as stocks at the end of the consuming season had been virtually exhausted. A large collection is hoped for.

Orange Peel.—Sweet peel continued to be reasonably easy under the influence of a not exceptional demand from buyers. However, no further recession in prices was reported.

Wahoo.—Root bark was moderately steady at 60c. to 61c. per pound last week and the future trend of spot quotations appeared to depend solely on the amount of bark collected during the present season. The carryover was insignificant and comparatively high prices are being paid workers to increase their activity.

Beans

St. Ignatius.—Business was virtually nil and the market was purely nominal on the basis of 31c. to 32c. per pound. Stocks were limited, but apparently entirely sufficient for probable requirements.

Vanilla.—Very good demand was reported in all directions. Seasonal requirements have increased with the coming of the kind of weather that raises consumption of vanilla extract. Prices were fully firm and local competition was held within comparatively narrow bounds throughout the entire period. Foreign markets were in similar position so far as prices were concerned.

Berries

Cubeb.—Prices were not reduced further, but they appeared to be moderately easy under the influence of considerable competition in a market not notable for important demand from manufacturing consumers.

Saw Palmetto.—Prices were sharply higher at 50c. to 51c. per pound. This price prevailed on berries of acceptable quality and the supply of such material was not very large. Production in Florida has been disappointing in recent years and the reserves in that market were small and held in strong hands who see ahead an outlet for all the material they hold.

Flowers

Arnica.—A very steady market prevailed on the spot. Also, the market abroad lacked any signs of unsettlement. On the whole, it was felt that a crop of fair size would be produced in Europe this Summer, but at the moment it does not appear that any important surplus will exist.

Clover.—Spot stocks were conservative in size but it seemed probable that the supply was sufficient for all requirements between now and the time when new crop becomes available. Prices were steady here and abroad.

Linden.—Routine request was reported locally and the needs of buyers were generally of jobbing character. Prices were about steady but they lacked the stimulation of larger demand. Stocks were moderate. News concerning new crop was not adverse.

Poppy.—Red flowers were steadier. Sellers reported that since the recent decline in prices, values had stiffened somewhat notwithstanding the absence of substantial demand for spot deliveries. The present market was in line with that at the source, it was said.

Saffron.—Mexican flowers were still on the easy side but on the whole sellers were not disposed to shade the spot quotations any further for the time being at least. Spanish flowers were steady throughout the entire period under the influence of a jobbing request.

Gums

Arabic.—Prices were very firm on spot. Sellers here were still not convinced that the primary market values would be maintained. The next turn of the market appeared to depend on how much gum shall become actually available at the source. News from the primary market continued to emphasize the idea that receipts from the interior were considerably less than normal.

Asafetida.—A very steady market prevailed. Undertones and prices alike were on the firm side and the market lacked much in the way of important competition. Stocks were of fair size and entirely sufficient to cover demand during the Summer period.

Benzoin.—Demand was very light. Sumatra gum moved in jobbing quantities and on the basis of a price situation that was entirely favorable for buyers with firm orders to place. Reports indicated that values were being shaded from time to time.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS
Acacia Gum
Agar Agar
Aloes
Benzoin Gum
Buchu Leaves
Capsicum
Cascara
Catechu Gum
Cuttle Bone
Deertongue
Digitalis

Dragons Blood
Ergot
Golden Seal
Henna Leaves
Indian Gum
Lavender Flowers
Manna
Mustard
Nux Vomica
Peppermint Lvs.
Wahoo Bark
CRUDE DRUGS
J. L. HOPKINS & CO.
220 BROADWAY, NEW YORK

MURRAY & NICKELL MFG. CO. Established 70 Years
2606-28 Arthington Street - - - Chicago
BOTANICAL
CRUDE DRUGS MILLED
HERBS - ROOTS - BARKS - SEEDS AND SPICES
WATER SOLUBLE GUMS TRAGACANTH ARABIC - KARAYA
AMERICA'S OLDEST MANUFACTURER - PYRETHRUM PRODUCTS

Vanilla Beans--Tonka Beans
Thurston & Braidich, Importers, 286 Spring Street, New York

KARAYA TRAGACANTH ARABIC
GUMS
FRANK-VLIET CO. INC.
160 WATER ST. NEW YORK, N. Y.
WHOLE AND POWDERED

CHICLE, Mexican
F. HUBER & CO., 99 Hudson Street, NEW YORK

Finest Ground PYRETHRUM AND DERRIS POWDERS in the world
These powders contain more killing particles. More effective — more economical. Write for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

Myrrh.—Reserves were of moderate size but in view of the irregular character of consuming demand, it appeared to be probable that requirements of the manufacturing consumers were well covered. Prices were steady to firm.

Herbs and Leaves

Buchu.—An inactive market was reported locally. Buyers' requirements were of conservative size most of the time and hence trading was on a hand-to-mouth basis. Prices seemed to be fairly steady.

Deertongue.—Little or no spot business was being done but the fact that new crop goods for July delivery were available at fully 15c. under the nominal spot quotation on the material was more than sufficient reason for the inactivity on the spot delivery market.

Lobelia.—Reports from abroad indicated that the markets there were depressed under the influence of ample stocks and next to no demand. Locally, trading was slack in all quarters and values were none too steady.

Marjoram.—A fair-sized but usually jobbing request was reported on the basis of prices generally held to be steady during the past week. No change in values was reported. Stocks were not more than moderate in size.

Stramonium.—Demand was very light. Buyers' requirements seemed to be well covered and hence the calls last week were usually of jobbing proportion. Stocks were conservative in size because of the difficulty in getting high quality material during the past several months.

Miscellaneous

Cantharides.—Both Russian and Chinese flies were steady last week. The revisions in prices made during the previous trading period set up values on spot that were well in line with replacement costs. Demand was on a hand-to-mouth basis most of the time.

Colocynth Pulp.—One hundred thirty-five bales of this item reached this market during the previous trading period, an arrival that accounted for the sharp decline in prices reported at that time. Last week, quotations appeared to be steadier than they had been.

Ergot.—The market was inactive as to actual orders but considerable interest was displayed in the probable future of the item. Much will depend on the Spanish output—if any—this year, and the ability of the producers to market their production, probably through Portuguese dealers, as was the case last year.

Lycopodium.—A very firm market was the rule. The supply was low and sellers lacked the opportunity to place substantial replacement orders in the European markets supplying the article. Price tendency continued to be upward.

Manna.—The market was somewhat steadier than it had been. In the previous week, prices were reduced slightly, but no change came during the period under review. Business was comparatively light and consisted usually of immediate needs.

Roots

Aletris.—Reports from the country failed to carry news suggestive of a large collection of this item this year. Values on the spot have reflected this situation by remaining firm, notwithstanding the distinctly routine character of demand from consumers.

Golden Seal.—Stocks were small and the outlook did not favor a large supply to be available by the close of the Summer months. Prices were very firm and it was felt that they would probably work somewhat higher unless conditions not foreseen at this time shall check the upward tendency.

Helonias.—Quotations were 60c. to 65c. per pound and the limits were done during the past week according to seller and quantity. The advance was in line with the recently much firmer market on this item. The new crop outlook was said to be not encouraging.

Mandrake.—The outlook was for a moderate collection of the article this year and some felt that values would certainly work higher when normal calls from manufacturing consumers shall come on the market.

Valerian.—The market seemed still to be slightly unsettled, but values were declared to be already on the low side and there were not many who expected further reductions of substantial sort to come in either local or primary market quotations.

IF you wish to be well regarded as a customer, you will not retain returnable containers beyond the time when your suppliers expect to get them back.

Seeds

Anise.—Values were very steady, but demand was routine and close to jobbing size throughout the entire period. Stocks were none too plentiful in any direction.

Coriander.—Spot quotations on Morocco seed were advanced to 5c. to 5½c. per pound, reflecting good demand locally, as well as difficulty in placing orders for later arrival from primary market shippers.

Cumin.—Great difficulty was experienced in placing business abroad last week. Cables went unanswered even when firm business was pending and depending on prompt reply from French merchants. Spot quotations were advanced to 9c. to 9½c. per pound on Algerian, and to 9¼c. to 9⅝c. on Morocco seed.

Gold of Pleasure.—Quotations were shaded to 18c. to 18½c. per pound, and it was intimated that even less could be done with a firm order in hand, this for the reason that stocks were larger and more competition prevailed in local quarters.

Hemp.—Very good interest in this item put values higher to the basis of 5c. to 5½c. per pound during the past week. Primary market quotations were firmer and also somewhat in advance of those in the previous trading period.

Sunflower.—California seed was reduced to 6¾c. to 7¼c. per pound, while the poultry grade of merchandise eased back to 5½c to 6c. per pound. The market was generally more competitive than it had been.

Spices

Cassia.—Batavia No. 1 was active and sales resulted in the market rising to 14¾c. to 15c. per pound. Prices on other varieties of this item lacked quotable change notwithstanding fair request.

Ginger.—African root was advanced to 15¼c. to 15½c. per pound last week, and the price on medium bold Jamaica was shaded to 15¼c. to 15½c. No other changes in quotations took place in this market. A fair jobbing request was the general report throughout the period.

Nutmegs.—Quotations on West India material were off a shade to the basis of 14½c. to 14¾c. per pound. Values on other varieties lacked quotable change. Demand was usually sufficient to cover the prompt requirements of a moderate number of buyers.

Paprika.—The market was somewhat strengthened by the gain in demand for spot parcels. Prices were fully firm at all times and competition was kept well within narrow bounds. Replacement cables revealed foreign markets to be firmly maintained.

Pepper.—White pepper on spot was lower at 9½c. to 9¾c. per pound for Java Muntok, and at 9¼c. to 9⅜c. for Singapore Muntok, the decline being the result of local competition. Black peppers held unchanged so far as spot prices quoted by dealers were concerned. Trading in black pepper on the New York Produce Exchange began on June 16. On the first day, 43 tons were sold and involved pepper to be shipped in the months of September, December, January, March, May, and July. Reports from Batavia were of firm character and offerings were light. The initial sale was a purchase of September shipment at 5.78c. per pound. Last sales on the first day were made at 5.93c. for September; 6.05c. for December; 6.10c. for January; 6.25c. for March; 6.23c. for May, and 6.44c. for July. The following is a record of the market for black pepper futures on the New York Produce Exchange from June 16 to June 18, inclusive:—

	—Cents per pound— High.	Low.	Close.	Sales. Contracts.*
January	6.16	6.04	6.24@ 6.25	13
February	...	...	6.28 nom.	..
March	6.32	6.10	6.31@ 6.32	15
April	...	...	6.33 nom.	..
May	6.50	6.23	6.40@ 6.42	16
June	...	...	6.43 nom.	..
July	6.60	6.28	6.51 sale	12
August	...	...	6.53 nom.	..
September	6.22	5.78	6.09 sale	22
October	...	...	6.10 nom.	..
November	...	...	6.10 nom.	..
December	6.25	5.94	6.20@ 6.23	47
Total sales (42 switches)				167

* Contracts, 33,600 pounds.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Hungary Leading Supplier Of Medicinal Crude Drugs

Hungary plays a prominent role in supplying medicinal crude drugs to the world. Of all the countries in Central Europe, Hungary has possibly the leading part in supplying items of substantial importance to practically all countries. To develop, improve, and increase the sale of this natural resource, the nation has within the Royal Hungarian Ministry of Agriculture a department known as the Plant Trading Bureau and a part of its services is the compilation of statistical data on the export business in botanical drug merchandise. According to the latest release of that body, export business in the year ended December 31, 1936, was as follows:

Germany	1,520,200
United States	282,293
Italy	206,774
Austria	156,497
Great Britain	100,790
Czechoslovakia	98,880
Switzerland	95,813
France	78,020
Netherlands	62,328
Denmark	58,781
Belgium	22,734
Finland	14,173
Spain	10,100
Sweden	9,876
Poland	5,419
African Possessions	4,658
Roumania	3,262
Estonia	2,297
Norway	1,046
Luxemburg	1,025
Yugoslavia	675
Bulgaria	249
Asiatic Countries	200

Prominent among the botanicals supplied the world by Hungary are chamomile, linden, nettle, and elder flowers; peppermint, stramonium, henbane, malva, althea and plantin leaves; horse tail, and wormwood herb; and dandelion root.

Having in mind the exports sent directly to the United States, it may be pointed out that much of the material sent to Germany, Italy, and Austria eventually reaches this country by reason of the purchases by importers here from export merchants in the three countries named.

Bids Wanted

Acetylene:—12,000 cubic feet; U. S. Engineer Office, Huntington, W. Va.; circular 174, opening June 23.
16,000 cubic feet; Quartermaster, Marine Corps, Washington; schedule 19, opening June 23.

Aluminum Foil:—Supplies for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 954, opening June 29.

Ammonia:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Ammonia, Anhydrous:—600 pounds; Quartermaster, Marine Corps, Washington; schedule 18, opening June 23.

Ammonium Perchlorate:—2,500 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1055, opening June 29.

Barium Peroxide:—1,200 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 806, opening June 28.
5,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1055, opening June 29.

Blueing:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Borax:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Brushes, Scrubbing:—2,952; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-446, opening June 26.

Calcium Resinate:—1,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 806, opening June 28.

Caustic Soda:—96,000 cans; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-291, opening June 25.
5,600 cans; General Purchasing Officer, Panama Canal, Washington; schedule 3265, opening July 6.

Chlorine, Liquid:—90,000 pounds; U. S. Engineer Office, Navy building, Washington; circular 80, opening June 24.
1,000 pounds; Quartermaster, Camp Dix, N. J.; procurement 263-60, opening June 24.
800 pounds; Quartermaster, Marine Corps, Washington; schedule 18, opening June 23.

Cleaning Powder:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Coaltar for Surface Application:—1,430,000 gallons; State Procurement Officer, Treasury Department, 76 Ninth avenue, New York City; procurements 160538, 160539 and 160540, opening June 23.

Ether, for Smokeless Powder:—1,164,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 993, opening June 29.

Flavorings:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Grease, Lubricating:—1,200 pounds; Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 517 Aero, opening June 23.

Hydrogen:—1,250,000 cubic feet; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 836, opening June 23.
Supplies for various deliveries; Ordnance Officer, Second Corps Area, Governors Island, N. Y.; circular 4, opening June 28.

Kerosene:—8,000 gallons; Quartermaster, C.C.C.; Fort Oglethorpe, Ga.; procurement 5408-119, opening June 25.

Lead Sulphocyanate:—1,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 806, opening June 28.

Magnesium Powder:—6,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1056, opening June 29.
1,800 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 806, opening June 28.

Oxygen:—25,960 cubic feet; Quartermaster, Marine Corps, Washington; schedule 19, opening June 23.
26,400 cubic feet; U. S. Engineer Office, Huntington, W. Va.; circular 174, opening June 23.

Pigment, Light Green:—8,000 pounds; Contracting Officer, District C.C.C., Fort Benning, Ga.; procurement 5403-48, opening June 24.

Red Lead:—50,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3265, opening July 6.
2,000 pounds; U. S. Engineer Office, First District, New Orleans; circular 348, opening June 24.

Soap, Shaving:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis, procurement 801-154, opening June 30.

Soda Ash:—80,000 pounds; Quartermaster, Fort Leavenworth, Kans.; procurement 483-101, opening June 28.

Solvent, for Degreasing:—700 gallons; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 971, opening June 25.

Starch, Laundry:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Strontium Nitrate:—2,200 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 806, opening June 28.
7,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1055, opening June 29.

Strontium Peroxide:—2,500 pounds; Commanding Officer, Frankford Arsenal, Pa.; circular 806, opening June 28.

Tooth Brushes:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps, St. Louis; procurement 801-154, opening June 30.

Tooth Powder:—Supplies for various deliveries; Contracting Officer, Quartermaster Corps; procurement 801-154, opening June 30.

Water Gas Tar for Macadam Binder:—768,000 gallons; State Procurement Officer, Treasury Department, 76 Ninth Avenue, New York City; procurement 160536 and 160537, opening June 23.

White Lead:—3,000 pounds; U.S. Engineer Office, First District, New Orleans; circular 348, opening June 24.

Zinc Oxide:—1,000 pounds; U. S. Engineer Office, First District, New Orleans; circular 348, opening June 24.
20,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3265, opening July 6.

Fuel Development from Farm Products Backed

The Department of Agriculture would be authorized to undertake studies and experiments to aid in the development of fuels from agricultural products under the terms of a bill (H.R. 7379) introduced in the house by Representative Clarence F. Lea of California.

Specifically, the department would be empowered to conduct, independently or in co-operation with Federal or State institutions, experiments for the purpose of "(1) the development of renewable sources of fuel supplies of agricultural origin for internal-combustion engines and for other power purposes; (2) the improvement of fuels produced from such sources, by blending with other available fuels, or otherwise, and the promotion of their use in interstate and foreign commerce and in aid of such commerce; and (3) the development of beneficial uses for the by-products resulting from the productions of such fuels."

The bill would make available for these projects a sum of $1,000,000, the money to come from the special treasury account maintained in connection with the administration of the agricultural adjustment act and to remain available until June 30, 1942. The department would be permitted to sell products of its experiments, but sales would be limited, insofar as practicable, to Federal agencies for official use.

Contracts Awarded

Aircraft Cleaning Compound:—2,880 gallons; award to the Crystal Soap & Chemical Company, at $1.18, by the Army Air Corps, Wright Field, Dayton, O.; circular 676, opened May 6.

Cutting Oil:—20,000 gallons; award to E. F. Houghton & Co., at 21.5 cents a gallon, by the Frankford Arsenal, Pa.; procurement 607, opened May 6.

Dry Skim Milk:—3,264,900 pounds; awards to Abbotts Dairies, Inc., Cameron, Wis.; 200,000 pounds; Challenge Cream and Butter Association, Los Angeles, 262,500 pounds; Dairyman's League Cooperative, New York, 720,900 pounds; Grand Ledge Creamery Company, Grand Ledge, Mich., 80,100 pounds; Lansing Dairy Company, Lansing, Mich., 120,150 pounds; Orrville Milk Condensing Company, Orrville, Ohio., 80,000 pounds; Page Dairy Company, Toledo, 320,000; Producers Creamery Company, Springfield, Mo., 240,300 pounds; Roberts Dairy Company, Omaha, 200,000 pounds; Supplee-Wills-Jones Milk Company, Philadelphia, 720-650 pounds; Twin Cities Milk Producers Association, St. Paul, 240,300 pounds; Land O'Gold Milk Products Company, Chico, Cal., 80,000 pounds; at prices varying from 5.5 cents to 6.25 cents per pound, by the Agricultural Adjustment Administration, June 15.

Stains:—3,500 gallons; award to the Porter Paint Company, at 48 cents, by the Quartermaster, C.C.C., Sparta, Wis.; procurement 129, opened May 28.

Trichlorethylene:—1,166 gallons; award to the Harshaw Chemical Company at $1.09, by the Army Air Corps, Wright Field, Dayton, O.; circular 717, opened May 24.

Essential Oils, Aromatic Chemicals

Italian Lemon Higher and California Oil Moves Freely at Wide Price Advantage—Peppermint Crop Makes Fair Progress —Orange Steady and in Good Demand

Activity in the market for essential oils and aromatic chemicals was not very large during the past week. Except for the very good call for seasonal items—mainly the citrous oils—business was restricted to the sale of comparatively small lots of merchandise. The general report was that the market was quiet with values holding steady to firm in the absence of excessive competition on spot, or price weakness in the numerous primary markets.

Lemon oil in Italy was substantially stronger last week. When prices declined some time back the movement was even then believed to have gone too far and the present recovery of values abroad was cited as evidence of the soundness of the belief held for some time. However, California oil was available at a substantial price advantage over the Italian article and reports indicated a large movement to manufacturing consumers. Orange oil lacked the outward strength so clearly to be seen in lemon, but orange moved in seasonal volume at steady prices.

Anise was shaded under competition and moderate demand. Cassia remained steady, though demand was not very active. Citronella was in competitive position on spot and the call was not very large. Lavender oil prices continued to be firm notwithstanding the fact that flowers have sold at lower prices abroad. Fair progress in the growth of the peppermint crop was reported, but the market was quiet. Wormseed was in moderate demand at very firm prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lemon, Messina, 15c. per lb.

Reduced

Anise, 2c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
82.3	**81.0**	**81.6**	**68.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Limited stocks, but not much demand prevailed locally last week and for the most part the market continued to display firm undertones and prices throughout the period. Replacement offerings were comparatively few in number and always small as to size.

Amber.—Moderate inquiry was reported during the past week. Buyers' requirements were not very large, but the number of small orders made up a fair-sized total of trade by the close of the period. Prices were steady in all quarters.

Anise.—Sales were reported made at 70c. per pound, being a figure slightly lower than had been quoted as the open market on the U.S.P. article for some time past. Of late, the market has gained in competition and the tendency of values has been to move in favor of buyers.

Bergamot.—The underlying strength of the market was unabated. Prices from Italy were at a level close to quotations named on spot goods and hence sellers were disposed to be somewhat reserved pending further developments. Stocks were of moderate size.

Camphor.—Replacement costs were very steady, and the spot quotations were on the firm side last week. Demand for sassafrassy oil was said to have broadened somewhat, thus strengthening the position of that item. Stocks were of fair size.

Caraway.—A fair-sized stock of raw material was the prospect reported from Holland last week, and hence the outlook for supplies of oil to cover requirements of the next consuming year was said to be mainly satisfactory. Prices were fully firm in all quarters.

Cassia.—Slowing down in soap production has tended to ease demand for this article. However, values have yet to be affected and in view of the steady position of the article in the primary market it was expected that values would continue to hold.

Citronella.—The spot market was quiet, but fairly steady. Demand was reported to have decreased somewhat so far as spot parcels was concerned, but a fair interest, if not actual demand, was noted in oil to come forward. Locally, competition was quite active.

Clove.—Deliveries against existing contracts kept the producers busy throughout the past week. As to new business, trading was somewhat restricted and covered, for the most part, the jobbing requirements of smaller manufacturing consumers. Pricewise, the market was firm in keeping with the raw material situation.

Cubeb.—Raw material has sold at declining prices of late, and hence the position of oil has become slightly easier, though prices have yet to be reduced. Demand was routine but fairly steady throughout the period.

Dill.—The movement to buyers has been fairly active along the somewhat broader lines to be expected at this season of the year, when the picklers cover their later requirements in substantial fashion. Prices were generally firm.

Erigeron.—Because little oil was produced in the Middlewest last year, the stocks being carried over into the new production season were small in the hands of producers and dealers alike. Little or no demand was reported last week, according to dealer. Marked increase in production was not expected for the reason that consumption of this article had shrunken substantially in recent years.

Eucalyptus.—Most shipments offered to the spot were for movement well into late Summer. Nearby oil has been well sold into consumption and little or nothing was available at the source. Demand was very good; it has broadened substantially and is now well distributed throughout the year, the oil thus losing much of its former seasonal character. Spot prices were firm.

Grapefruit.—Considerable success has attached to the efforts put forth to secure a wider use of this item. Demand has gained and the market has assumed a firm position in keeping with the lessening of competition.

Ginger.—Very good request was reported on the spot. Prices were firmer in keeping with a return of strength and higher values in the raw material market. Stocks were of moderate size, but were said to be equal to the present requirements of buyers.

Lavender.—Flowers from the source have been somewhat cheaper in price. However, quotations on oil for shipment out of new crop have held up very well, while on the spot they have remained generally firm even though demand has tapered off somewhat.

Lemon.—California oil was steady on the basis of $2.60 per pound. The low price has attracted buyers to the market and under excellent seasonal conditions sales volume has gained considerbly. Messina oil was higher at $3.55 to $3.75 per pound, being evidence of the truth of the report that values abroad had been driven down too far.

Lime.—Movement into consumption continued to be very good. The best season of the year was in full swing and sales were numerous and involved substantial quantities of high quality merchandise from the West Indies. Prices were fully firm in all quarters.

Mandarin.—Superior quality oil was firm on the basis of the sharp rise in quotations reported during the previous trading period. Sales at $8.10 to $8.25 per pound were numerous and

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

MM&R SEED OILS
Accepted, for many years, as the standard of quality.
Inquire today about the reasonable prices of —
OIL CELERY SEED PURE MM&R OIL DILL SEED PURE MM&R
OIL PARSLEY SEED PURE MM&R OIL DILL WEED PURE MM&R
OIL CARAWAY SEED PURE MM&R
MAGNUS, MABEE & REYNARD, INC.
32 CLIFF STREET, NEW YORK, N. Y.
BALSAMS, AROMATIC CHEMICALS
CONCENTRATED FLAVORS...Since 1895
Essential Oils
M M&R MAGNUS

MYSORE GOVERNMENT
SANDALWOOD OIL
Distilled at Linden, N. J. from selected Mysore Heartwood by Sole Distillers and Selling Agents
W. J. BUSH & CO.
INCORPORATED
ESSENTIAL OILS | NATURAL FLORAL PRODUCTS | AROMATIC CHEMICALS

D. W. HUTCHINSON & CO., Inc.
IMPORT Established 1896 EXPORT
Oil of Lime Imitation - - - Oil of Coriander Imitation
For Flavor and Strength
162-164 FRONT STREET NEW YORK CITY

ESSENTIAL OILS
H. C. RYLAND, Inc.
161-3 Water St., New York

Buyers Prefer
"O-P-D"
Market Information
because it is
Definite and
Accurate

STEARIC ACID • • KAOLIN • • RICE STARCH • • ZINC OXIDE • • Complete List Upon Request
Cosmetic Raw Materials
Detailed information gladly supplied
ORBIS
PRODUCTS CORPORATION
215 PEARL ST., NEW YORK – Factory, NEWARK, N. J.

CITRUS OILS
Natural and Concentrated
LEMON ORANGE LIME
Imported and domestic qualities
D&O ESTABLISHED IN 1798
DODGE & OLCOTT COMPANY
180 VARICK STREET, NEW YORK CITY
Branches:
Boston, Philadelphia, Chicago, St. Louis, Los Angeles

fully substantiated the reports of the much firmer market abroad.

Orange.—Plentiful stocks of California oil were coming on the market at low prices and especially attractive sales conditions. Contracts give protection against a fall in price of the California article. Messina oil was steady to firm, and the position of West India oil was still one of some strength. Demand was very good, being active along seasonal lines.

Palmarosa.—The shipment price was steady to firm, and, if anything, seemed to tend upward slightly. On the spot, values were well maintained, but actual consuming demand was moderate in size and somewhat irregular most of the time last week.

Peppermint.—Fair progress in the growth of the new crop of mint was reported from the Middlewest and the market as a whole was about steady, though, as usual at this season of the year, it was also quiet. Local trading was on a hand-to-mouth basis and took place under fairly competitive conditions.

Pimento.—Stocks of both leaf and berry oil were on the low side and conditions did not suggest their being increased in the nearby future. Replacement costs were well maintained in keeping with the position of raw material in the primary market.

Sassafras.—Very good demand was reported. The artificial oil had a fairly broad movement at prices said to be somewhat steadier than they had been in the recent past. Production costs held up well in keeping with the firmer position reported on raw material.

Wormseed.—Firm prices ruled in an inactive market so far as domestic consumption of the item was concerned. Inquiry for export parcels was reported and some sales on that account were made for shipment to England. Stocks were moderate in all quarters.

Aromatic Chemicals

Acetaldehyde. — Business was moderate but steady. Buyers traded freely in quantities covering their immediate requirements. They found prices to be generally firm in a market virtually free from unsettling competition.

Acetophenone. — Interest in this article was conservative last week. Leading sellers reported trading to be generally on a hand-to-mouth basis, coverage of needs of the long distant future being unusual. Prices remained steady.

Amyl Salicylate. — Moderate trading was reported in this article. Business done was more than sufficient, however, to keep prices to a generally firm position and also to keep competition within narrow limits. The general undertone of the market was steady.

Benzaldehyde. — Somewhat more inquiry was reported last week. Buyers in some instances appeared disposed to cover needs rather farther into the future than had been their custom for some time past. The result was a firming of market undertones and the maintenance of very steady prices.

Benzyl Formate. — The call was irregular much of the time last week. Trading fluctuated considerably from day to day and the total was not large by the close of the period under review. However, values continued to be very steady.

Borneol. — Stocks continued to be comparatively small and most sellers were without prompt delivery goods. However, the call was not very substantial and hence small stocks failed to be productive of an advancing market on the item.

Citronellol. — Very good demand was reported. The call came in steadily and raised a good size total by the close of the week. Quotations were reported to be steady to firm. Stocks were plentiful.

Coumarin. — Demand of a seasonal character continued to reach fair sized totals last week and with production cost being well maintained, prices were distinctly firm throughout the period.

Diphenyl Oxide.—Sales were in good sized volume and the market activity was well up to normal for this item. Prices were in well stabilized position and conditions did not forecast an early change in that aspect of the market

Ethyl Cinnamate.—Jobbing business prevailed in this item and the entire week proved to be a generally quiet affair. Prices remained free from change and, on the whole, appeared to be steady to firm.

Eucalyptol. — The position of raw material was one of uncontested strength. Goods coming forward have been well sold into consumption and only the more distant future shipment positions were offered from the source. Hence, eucalyptol remained firm to strong with demand holding up very well.

Geraniol. — The market was reported to be quiet most of last week. Buyers were mainly aloof from the market, their present stocks covering their necessities fully. Notwithstanding the absence of wider interest, prices on this article remained very steady.

Linalool. — Because of the firmness in raw material cost, this item was well maintained in price even though the interest of manufacturing consumers appeared to be cribbed, cabined and confined last week. Stocks were ample in all quarters.

Methyl Salicylate. — Movement into consumption was seasonal in character and size. Business was reported to be very good and conditions suggested the probability of sales continuing to reach satisfactory levels for some time to come. Prices were firm.

Yara Yara. — Although trading was routine, the market had a steady quality that kept prices firm and held competition down substantially during the past week. Supplies were sufficient to cover any important expansion in consuming request.

Vescovi & Leichter Named Agent

Vescovi & Leichter, Inc., this city, has been appointed sales agent for the citrous oils produced at Anaheim, Cal., by the Earl Silzle Company, Los Angeles, Cal. The Silzle company is an independent producer who has been operating a plant for the production of lemon and orange oils for some time. Recently, the company enlarged the productive capacity of the factory substantially and installed improvements in operations calculated to not only raise the output, but also to improve the already good quality of oil coming from its installation. The company is also seeking a broader consuming outlet for its products and plans an aggressive campaign to increase the sales of its lemon and orange oils.

E. De HAEN'S PREPARATIONS FIXANAL
for Standard Solutions
At leading Laboratory Supply Houses
Pfaltz & Bauer, Inc.
EMPIRE STATE BUILDING, NEW YORK

EFF-BEE FIVEFOLD
New LEMON
CONCENTRATE
MANUFACTURERS accustomed to using high priced lemon concentrates will welcome the economy afforded by this new product. Its great concentration, ready solubility and proven stability insure satisfaction in a great variety of applications. You can prove this by putting EFF-BEE FIVEFOLD LEMON CONCENTRATE through the severest tests. It is a worthy companion flavor to our EFF-BEE FIVEFOLD ORANGE CONCENTRATE. Write us for samples.
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616 WEST 8TH STREET LOS ANGELES, CAL.
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS of Canada, Ltd., 77 79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N.Y.
119 WEST OHIO ST. CHICAGO, ILL.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
Allied Laboratories, Inc.	Com.	Q.	15c.	July 1	June 15
American Cyanamid Co.	Cl. A	Q.	15c.	July 1	June 15
American Cyanamid Co.	Cl. B	Q.	15c.	July 1	June 15
American Smelting & Refining Co.	Com.	Q.	75c.	Aug. 31	Aug. 6
American Smelting & Refining Co.	Pfd.	Q.	$1.75	July 31	July 9
Beech-Nut Packing Co.	Com.	..	$1.00	July 1	June 12
Beech-Nut Packing Co.	Com.	Ext.	25c.	July 1	June 12
Brillo Mfg. Co.	Com.	Q.	20c.	July 1	June 15
Brillo Mfg. Co.	Cl. A	Q.	50c.	July 1	June 15
Carter (Wm.) Co.	Pfd.	Q.	$1.50	June 15	June 9
Climax Molybdenum Co.	Com.	..	30c.	June 30	June 15
Clorox Chemical Co.	.....	Q.	75c.	June 25	June 11
Coca-Cola Co.	Cl. A	S.	$1.50	July 1	June 12
Coca-Cola Co.	Com.	Q.	50c.	July 1	June 12
Coca-Cola International Corp.	Com.	..	$3.90	July 1	June 12
Coca-Cola International Corp.	Cl. A	S.	$3.00	July 1	June 12
Davison Chemical Corp.	Com.	1st	60c.	June 18	June 14
Derby Oil & Refining Corp.	Pfd.	..	$2.00	July 1	June 15
Dominion Glass Co.	Com.	Q.	$1.25	July 2	June 15
Dominion Glass Co.	Pfd.	Q.	$1.75	July 2	June 15
Eagle-Picher Lead Co.	Pfd.	Q.	$1.50	July 1	June 15
Fansteel Metallurgical Corp.	Pfd.	Q.	$1.25	June 20	June 15
Ferro-Enamel Corp.	Com.	..	50c.	June 21	June 10
Flintkote Co.	Com.	..	25c.	June 26	June 15
Gulf Oil Corp.	.....	..	25c.	July 1	June 15
Haloid Co.	Com.	Q.	25c.	June 30	June 15
Harshaw Chemical Co.	Com.	Q.	30c.	June 31	June 14
Hinde & Dauch Paper Co. (Can.)	Com.	..	25c.	July 2	June 15
Katz Drug Co.	Pfd.	Q.	$1.12½	July 1	June 15
Koppers Co.	Pfd.	Q.	$1.50	July 1	June 12
McClanahan Oil Co.	.....	Q.	1½c.	June 21	June 11
Mead Johnson & Co.	Com.	Q.	75c.	July 1	June 15
Mead Johnson & Co.	Com.	Ext.	75c.	July 1	June 15
Mead Johnson & Co.	Pfd.	S.	35c.	July 1	June 15
Midland Oil Corp.	Pfd.	..	25c.	June 18	June 10
Monroe Chemical Co.	Pfd.	Q.	87½c.	July 1	June 15
National Gypsum Co.	1st pfd.	Q.	$1.75	July 3	June 12
National Gypsum Co.	2d pfd.	Q.	25c.	July 3	June 12
National Lead Co.	Com.	Q.	12½c.	June 30	June 11
Nehi Corp.	Pfd.	Q.	$1.31¼	July 1	June 15
Niagara Alkali Corp.	Pfd.	Q.	$1.75	July 1	June 16
Norwich Pharmacal Co.	.....	..	50c.	June 15	June 5
Pennsylvania Glass Sand Corp.	Com.	..	25c.	July 1	June 15
Pennsylvania Glass Sand Corp.	Pfd.	Q.	$1.75	July 1	June 15
Penn Valley Crude Oil Corp.	Cl. A	Q.	12½c.	July 1	June 15
Peoples Drug Stores	Com.	Q.	25c.	July 1	June 8
Petroleum Exploration Co.	.....	Q.	25c.	June 15	June 3
Petroleum Exploration Co.	.....	Ext.	10c.	June 15	June 3
Pittsburgh Plate Glass Co.	.....	..	$1.50	July 1	June 10
Shell Union Oil Corp.	Pfd.	Q.	$1.37½	July 1	June 15
Sherwin-Williams Co. (Can.)	Pfd.	..	$1.75	July 2	June 15
Silver King Coalition Mines	.....	..	25c.	July 1	June 15
South West Penn Pipe Lines Co.	.....	..	50c.	July 1	June 15
Sunshine Mining Co.	.....	Q.	75c.	June 30	June 15
Tri-Continental Corp.	Pfd.	Q.	$1.50	July 1	June 16
United States Gypsum Co.	.....	Q.	50c.	July 1	June 15
United States Gypsum Co.	Pfd.	Q.	$1.75	July 1	June 15
Virginia-Carolina Chemical Corp.	Pfd.	Q.	$1.50	June 24	June 14
Warren Refining & Chemical Co.	.....	..	10c.	June 21	June 10
Wesson Oil & Snowdrift Co.	Com.	Q.	12½c.	July 1	June 15
Wesson Oil & Snowdrift Co.	Com.	Ext.	$1.12½	July 1	June 15
Wiser Oil Co.	Com.	Q.	25c.	July 1	June 11

Corporation Earnings Recently Reported

		1937		1936	
	Period.	Net income.	Per share.	Net income.	Per share.
Brillo Mfg. Co.	1st qr.	$62,339	$0.34	$62,108	$0.34
Diamond Match Co.	1st qr.	532,078	.41	506,759	.39
Lion Oil Refining Co.	1st qr.	175,252	...	107,956	...
Vick Chemical Co.	1st qr.	941,244	1.34	1,016,784	1.45
		1936		1935	
	Period.	Net income.	Per share.	Net income.	Per share.
Bandini Petroleum Co.	Yr.	$376,018	$0.57	$171,737	$0.26
Barnsdall Oil Co.	Yr.	2,262,544	1.01	741,136	.35
Burman Oil Co.	Yr.	*2,955,448	...	*2,411,173	...
Gulf Oil Corp.	Yr.	26,356,003	2.90	10,551,720	1.16
Hershey Chocolate Corp.	Yr.	3,729,918	3.51	5,051,220	5.39
Kennecott Copper Corp.	Yr.	25,490,764	2.36	13,164,571	1.22
Mission Oil Co.	Yr.	776,620	...	‡4,698	...
Navarro Oil Co.	Yr.	295,015	...	‡264,424	...
Petroleum Exploration Co.	Yr.	232,405	1.47	172,484	1.10
Phoenix Oil Co.	Yr.	*174,000	...	*183,385	...
Standard Brands, Inc.	Yr.	14,727,449	1.13	12,744,963	.97
Swedish Match Co.	Yr.	†12,826,888	...	†11,198,837	...
Texas Corp.	Yr.	38,260,341	4.10	17,065,036	1.83

* Pounds. † Kroner. ‡ Deficit.

Tydings-Miller Bill Delay Deplored by Hollingsworth

William A. Hollingsworth, president of the Allied Retail Federation of New York, and president of the Retail Tobacco Dealers of America, in his annual report to the convention of the latter organization in the Pennsylvania hotel, this city, June 11, deplored the delay in the enactment of the Tydings-Miller enabling act to cover fair trade or price maintenance contracts in interstate commerce and called attention to the Livingston-Ehrlich loss leader bill introduced in the New York legislature.

He said the proposed law is designed to eliminate for all time the evils of predatory trade practices and that its terms expressly prohibit sales by retailers and wholesalers of trademarked articles at less than cost with the intent or effect of injuring competitors. He expressed his opinion that this bill to outlaw the loss leader practice is superior to the applicable provisions of the anti-discrimination acts in other states.

Nuodex Incorporates in Canada

Nuodex Products of Canada, Ltd., Toronto, a subsidiary of Nuodex Products Company, Inc., Elizabeth, N. J., has been incorporated under Ontario charter. The company will manufacture metallic driers for the paint, varnish, ink, floor coverings, and allied industries for the Canadian market, and will export to all parts of the British Empire. The company will operate under Canadian patents and trade marks assigned to it by the Elizabeth company. Officers are:—President and general manager, William B. Bate, Toronto; technical director, Dr. C. A. Knauss, vice-president of the Elizabeth company, and plant manager, Gordon Keith, Toronto.

Cleveland P.V.P.C. Guests Of Beck-Koller Company

The Cleveland Paint and Varnish Production Club members were the guests of the Beck-Koller Company, Detroit, June 5. About thirty members of the club went from Cleveland to Detroit by boat on Friday night, with Robert Coerdt, local representative of the Beck-Koller Company, as host.

Arriving in Detroit, the group was driven to the Book-Cadillac hotel, where it was joined by several other groups from the Cleveland club who had motored to Detroit, the total of visitors numbering 49. After breakfast, the entire group was escorted to Beck-Koller plant at Ferndale where the morning was spent in touring the modern resin plant. Following luncheon at the Northwood Inn, Royal Oak, Michigan, most of the group went to see the ball game between the Detroit Tigers and the New York Yankees. Back at the hotel, dinner was served in a private dining room, and the meeting broke up in time for the return by boat or car.

D. W. Edgerly, of the Titanium Pigment Corporation, will represent his company at the meetings of the international sales committee of the Titan Company to be held at Brighton, England, June 28-30.

Petroleum Solvents, Lubricants, Fuels

Paraffin Wax Strengthens on Light Supply — Export Prices for Refined Wax Raised—Midcontinent Refined Oils Strong in Face of Recent Tankwagon Cut in Mid-West

The supplies of naphtha cuts were reported as having been tight at some of the Midcontinent refinery points last week. There has been no change in prices, however, except for the weakness in the Central Western tankwagon market, which was reported a week ago, the price situation for petroleum solvents and naphtha cuts was quite firm. The recent advances in the Eastern bulk and tankwagon markets were maintained easily.

Paraffin wax was one of the strongest commodities in the group of petroleum products used as industrial raw materials last week. Scale wax prices were fast approaching the three cents per pound mark locally and export prices for fully refined waxes were increased a quarter cent last week, placing them at a higher level than the domestic prices. It was believed that the domestic price list on fully refined would advance this week or perhaps around the first of the month. Heavy export and domestic demand has brought stocks down to their lowest point in some months. The Bureau of Mines figures for April showed stocks at 100,275,000 pounds which compared with 104,653,000 pounds at the end of March; April's domestic demand was 30,435,000 pounds against 24,637,000 pounds in the month preceding; exports were 19,025,000 pounds against 22,820,000 pounds.

The petrolatum situation showed up stronger although there had been no change in prices as yet. Only few of the refiners were quoting at the lower levels of the market's current range and most sellers were firm at the so-called outside levels of the market.

Daily average production of crude oil in United States for the week ended June 12 was 3,515,900 barrels, a decline of 22,250 barrels from the preceding week's average, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended June 12 was 3,544,550 barrels and the average at this time a year ago was 2,971,400 barrels. The runs of crude to stills averaged 2,988,000 barrels for 82.4 percent of refinery operation, according to the reports made to the A.P.I., and 262,000 additional were estimated to have been sent to stills unreported for a total of 3,250,000 barrels against the preceding week's average of 3,195,000 barrels. Crude oil stocks June 5 were 307,223,000 barrels against 306,445,000 barrels May 29, according to the Bureau of Mines.

Solvents and Diluents

The tankcar market for petroleum naphthas and solvents in the Midcontinent refinery area had very firm leanings last week with some of the producers reported to be light on stocks. There has been no change in prices and the sellers were quoting the prices that have been in force for some time. Conditions in the Eastern bulk market were firm and the recent advance in prices was easily held. The middle western tankwagon market was the only weak point in the picture.

Cleaners' Naphthas. — The Midcontinent market's position was firm with tankcars quoted at the base of 7⅜c. per gallon with some sellers quoting 7½c. per gallon, f.o.b. Group 3.

Lacquer Diluent.—The market's position has not changed since last reported. The Midcontinent tankcar price continued at the basis of 8⅜c. per gallon with some suppliers naming ⅛c. per gallon above that level.

Petroleum Thinners.—These naphtha cuts shared the general stability of the naphtha market and the recent advances in the East Coast tankcar and tankwagon price were well held. The Midcontinent position was also very firm with 6⅜c. per gallon named as the best price available in the Group 3 sector. The middle Western tankwagon prices did not undergo further reduction.

Rubber Solvents.—Consuming activities continued widespread and the market was in a firm position. Midcontinent suppliers of both the light and heavy grade continued to quote 7⅜c. to 7½c. per gallon for tankcar lots, f.o.b. Group 3.

V. M. & P. Naphthas.—Some of the Midcontinent suppliers were understood to be a little short on supplies and the market remained in a very firm position throughout last week. Quotations for tankcar quantities continued at 7⅜c. per gallon, f.o.b. Group 3. The recent advance in the Eastern bulk market was held in all directions.

Markets at Other Centers

Chicago, June 17.—While recent reductions in tankwagon prices of some of the naphthas and solvents were reflected in reports of certain irregularities in the tankcar markets, for the most part there is no real market trouble, and orders were coming through fairly well from most consuming and trade lines. Interest still reached rather good totals. Ruling prices in tankcar lots, except as noted, were (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 5⅛c. to 5¼c. per gallon; cleaners' naphtha, 7⅝c. to 7¾c., tankcar; 17.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c.; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.1c., tankwagon.

Tulsa, June 17.—Quotations for the various grades of naphthas ranged from 6⅞c. to 8⅜c. per gallon. The demand was fair and shipments were at a high level.

Lighter Fractions

The drumcar prices on petroleum ethers and pentanes have been reduced while the tankcar price for pentanes has been advanced at the Group 3 producing points. Other changes in the price structure of lighter petroleum fractions included a reduction in the tankcar price of heptanes and an increase in the tankcar and drumcar prices of octanes.

Heptanes. — Producers lowered the tankcar price on material in the 77-115°C. range to 8½c. per gallon, basis Group 3. This represented a reduction of 1c. per gallon from the price that had been in force for some time before. There was no change in the price of the normal grade.

Octanes. — The tankcar price was raised 2c. per gallon to the basis of 10½c. per gallon and the drumcar price was also increased 2c. to the level of 13c. per gallon, both f.o.b. Group 3. L.c.l. quantities remained at 15c. per gallon, basis Group 3.

Pentanes. — Drumcar prices were changed to 14c. per gallon and the tankcar price was lowered 1c. per gallon to the basis of 8½c. per gallon, f.o.b. Group 3. There was no price change in the laboratory grade or in the l.c.l. prices of the normal material.

Petroleum Ether.—Group 3 producers lowered prices on the 30-60° and the 40-75° ethers to 14c. per gallon, representing a decline of 1c. per gallon from the prices that had been quoted for some time back. There was no change elsewhere in the schedule.

Petrolatums and Waxes

White Mineral Oils. — The progress of the market during the past week was little different from that of the preceding week. Things were quite slow and the orders for deliveries against contracts were mainly for a drum or two at a time. The dullness of the market was quite usual for this time of the year and prices continued in an even position.

Paraffin Waxes. — Scale wax prices moved up again last week. Quotations were now 2.90c. to 2.95c. per pound on 122-124 A.m.p. and 2.95c. to 3c. per pound on 124-126 A.m.p. There was a heavy export demand and it was believed in selling circles that the market would cross the 3c. mark this week. There was very little wax coming out of the Midcontinent and the Pennsylvania market was tight also. Export prices for fully refined wax were raised ¼c. per pound last week, placing the market at about 20 points over the domestic price. There was a belief that the domestic price schedule on fully refined would go up this week or perhaps around the first of the month. Semi-refined, wherever available, was around 3¼c. per pound.

CHICAGO, June 17.—Bulwarked by strong related markets, refined wax was in good tone here, and the volume of business was large. Inquiries were coming in from domestic and foreign buyers. Ruling prices were 122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, June 17.—The supply of wax was almost entirely absorbed in this field and the trading was very limited. Probably more inquiries are coming into the market than at any time in the history of the product, but they can not be filled and quotations for the 124-26 grade are 3c. to 3⅛c. per pound.

Petrolatum.—The market appeared stronger now than it has been since the beginning of the year. The crude oil increase in Pennsylvania on June 7 has increased costs and some of observers of the market expected an early rise in white and amber grades of the jelly. As reported several times before, most of the suppliers were anxious for a higher selling level.

Fuels and Lubricants

Motor fuel production in April was 45,937,000 barrels against 46,214,000 barrels in March, according to the Bureau of Mines statistics. Domestic demand was 43,409,000 barrels against 40,561,000 barrels in the preceding month. Stocks were 73,419,000 barrels of finished gasoline against 74,171,000 barrels, 7,248,000 barrels of unfinished against 7,480,000 barrels, and, 5,292,000 barrels of natural against 4,799,000 barrels in March. Crude runs to stills totaled 93,573,000 barrels against 94,400,000 barrels in March. The daily average production of crude oil in April was 3,499,000 barrels, another new high record; total production in April was 104,979,000 barrels against 106,724,000 barrels.

Market Conditions

Gasoline.—The East Coast bulk market continued to show strength. The gallonage moved out of the refinery points during the week was large and continued to show progressive increase as the market swung into season. Stocks in storage were being diminished weekly. The posted tankcar price for 65 octane grade continued at 7½c. per gallon. Sellers of 62-63 octane of U. S. motor quoted 7¼c. per gallon, at refinery. The tankwagon and retail markets were steady in the East and the only weak point was in the middle West where prices were lowered a week ago by one of the large marketers. Export prices at the U. S. Gulf continued unchanged last week as follows:—U. S. motor, 5⅞c. to 6c. per gallon; 60-62, 390 e.p., 6⅛c. to 6¼c. per gallon; 60-62, 400 e.p., 6c. to 6⅛c. per gallon; and 64-66, 375 e.p., 6¼c. to 6⅜c. per gallon.

Kerosene.—The market was slow as is the usual thing around this time of the year. Refiners' quotations at local bulk points continued at 5½c. to 5¾c. per gallon for tankcars of 41-43 water white material and, as in the past few weeks, there were some offerings reported around 5⅜c. per gallon. All of these quotations were basis refinery. The export market at the U. S. Gulf was unchanged at 4¾c. per gallon for prime white and 5c. per gallon for water white. April kerosene production was 4,907,000 barrels against 5,187,000 barrels in March; domestic demand was 4,465,000 barrels against 4,786,000 barrels; and end-of-month stocks were 5,047,000 barrels against 5,397,000 barrels.

Fuel and Gas Oils.—Interest was centered in the contract price for fuel oils to cover the 1937-1938 season. There has been dissatisfaction voiced over the increase in the top prices for the new season's contracts and some observers of the market believed that they would be cut. Bunker oil prices continued unchanged. Diesel oil was also unchanged. Residual fuel oil production in April was 23,896,000 barrels against 25,081,000 barrels in March; domestic demand for all fuels was 35,880,000 barrels against 40,482,000 barrels; and end-of-month stocks were 77,318,000 barrels against 78,435,000 barrels.

Lubricating Oils.—The market for Pennsylvania oils was firm last week but there has been no change in prices. It appeared as though the advance in crude costs earlier in the month had been more or less anticipated by the

Outputs and Quotas

A comparison of Bureau of Mines calculations for June production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended June 12, follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ...	625,300	675,300	640,800
Kansas	190,700	190,700	190,650
Texas 1,354,000	1,352,775		1,390,800
Louisiana ...	252,000	254,650	249,850
Arkansas ...	28,300	.....	28,050
Eastern	118,200	.....	120,050
Michigan ...	38,400	.....	42,500
Wyoming ...	51,000	.....	54,200
Montana	15,400	.....	17,300
Colorado	4,800	.....	3,600
New Mexico.	102,000	114,500	114,450
California ...	585,900	*602,915	663,200
Totals 3,366,000		.....	3,515,900

* Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline at refinery points was unchanged.

	June 18	June 11	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.399	$1.399	$1.286
Gasoline prices at refineries (at four refining centers) per gallon.....	.054375	.054375	.0555

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S WHITE OILS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

POWERFUL - LOW PRICED
JAVOLLA
An effective substitute for Citronella . .
Imparts a cleaner, finer, more appealing odor in soaps, insecticides, disinfectants and other technical mixtures.
FRITZSCHE Brothers, inc.
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
315 WEST 8TH STREET LOS ANGELES, CAL
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
119 WEST OHIO ST. CHICAGO, ILL

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-June 19	1936 Jan. 1-June 19
Commercial crude oil production	572,750,000	488,855,000
	Week ended June 19, 1937	Week ended June 20, 1936
Daily average production	3,504,400	2,956,900
	Week ended June 12, 1937	Week ended June 5, 1937
Estimated motor fuel stock total	76,996,000	77,494,000
Estimated finished motor fuel stock at refineries	46,903,000	46,917,000

refined oil prices in effect then and which are still in force.

Markets at Other Centers

Tulsa, June 17.—A state of expectancy prevailed in the refined oil markets of the Mid-continent. Some change is expected, but the refiners and jobbers were still puzzled as to the form it will take. The gasoline price situation has become one of the most confusing phases in the trading. Because of a one-half cent reduction in the dealers' tankwagon price of gasoline in the Mid-West refiners here say that contract prices, which are normally above the spot market resellers' quotations, are now about one-half cent below. As most of the gasoline moved out of the Mid-continent on a contract basis there has been a serious impairment in refinery revenue. Thus far there has been no change in the tankcar prices in the spot market. The only difference from the preceding week's market is that supply was more easily available as compared with refiners' resistance to buyers. At this time a week ago the market gave the appearance of the possibility of the resumption of the upward trend in gasoline but at this time it is questionable.

Refiners say it will be impossible to hold spot market quotations above contract prices indefinitely.

In other departments of the markets conditions were fairly settled and some very strong spots such as in wax and distillates prevailed. The volume of trading in all departments where the supply is available has been large and prices as a whole were steady to firm.

In the natural gasoline market where quotations are also unchanged, scarcity in the 18 pound grade has developed and strength prevailed in other grades. A rising trend was likely to be resumed before the month expires.

GASOLINE.—Unchanged for U. S. Motor grades of 62 octane and below with 4⅞c. to 5¼c. per gallon named. The 63-67 octane was 5⅜c. to 5⅝c.; 68-70 6c. to 6¼c. per gallon.

NATURAL GASOLINE.—The 26-70 grade was unchanged at 3⅝c. per gallon both in Texas and Oklahoma, the 22 pound grade was 4c. gallon and the 18 pound grade was 4⅜c. to 4½c. per gallon and scarce.

KEROSENE.—There was some refinery buying although less than has been the custom during the past few weeks. The 41-43 grade was 4½c. to 4⅝c. per gallon with some spot sales at 4c. The 42-44 was 4¼c. to 4½c. per gallon.

DISTILLATES.—More firmness developed although quotations were unchanged. More inquiries are coming into the marker for the next season's delivery and considerable business were being booked. The No. 1 white was 3¾c. to 4c. per gallon while the straw products range from 3½c. to 3⅞c. depending on gravity and the dark gas oils at 3¼c. to 3½c. per gallon.

FUEL OILS.—Prices for 24-28 low cold test were $1.07½ to $1.12½ per barrel; high cold test 90c. to 95c. per barrel and residual fuel 80c. to 85c. per barrel.

Chicago, June 17.—Petroleum markets have showed some of the characteristics of a stalemate in recent days, growing out of the conflicting tendencies noted in the strong crude markets and the irregular and spotty tankwagon and service station gasoline. The spot tankcar gasoline market has shown little reflection as yet of the half-cent cut in tankwagon and dealer prices made last week. Most refiners refuse to drop prices as they claim they are not meeting costs at present prices. Kerosene shows evidence of an easier tone. The tractor fuel orders are slower. Heating oils are seasonally dull, tone a little easier. The heavy fuels, too, are spotty and not quite so firm.

GASOLINE.—Low octane motor, 5⅛c. to 5¼c. per gallon; middle octane motor, 5½c. to 5⅝c.; high octane motor, 6⅛c. to 6¼c.; 60-62, 400, 5⅛c. to 5¼c.; 64-66, 375, 5⅜c. to 5⅝c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4⅜c. to 4½c. per gallon; 41-43, water white, 4¼c. to 4⅜c.

FURNACE OILS.—No. 1 white fuel, 3⅞c. to 4c. per gallon; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3⅛c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅞c. to 3c.

FUEL OILS.—No. 4, $1.05 to $1.12½ per barrel; No. 5, 85c. to 90c.; No. 6, 80c. to 85c.

New Orleans, June 17.—A firm tone continued in the domestic market, with quotations at a steady level. U. S. motor gasoline was quoted at 6⅝c. per gallon; below 62 octane at 6⅝c.; 63-67 octane at 7c. and 68-70 octane at 7⅜c.—all at refinery.

Kerosene continued unchanged at 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at $1.05 per barrel at terminal and $1.10 per barrel delivered alongside, while industrial plants were quoted on a basis of $1.46 per barrel, delivered.

IF you wish to be well regarded as a customer, you will not retain returnable containers beyond the time when your suppliers expect to get them back.

Current Market Quotations

(Continued from page 21)

Zinc, cyanide, kgs., works	lb.	.36 - .38
Dust, bbls., c.l., dlvd.	lb.	.0865- -
l.c.l., bbls., dlvd.	lb.	.09¼- -
Fluoride, bbls.	lb.	.20 - .25
Iodide, N.F., bots.	lb.	4.15 -
Iara	lb.	4.00
Metal (see daily quotations in Market re-		
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd. except Pac. cst.	lb.	.07½- .07⅝
ex whse., Pac. cst.,	lb.	.06½- .07⅝
bbls., c.l., dlvd.	lb.	.06½- .07⅝
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- .08
ex whse., Pac. cst.	lb.	.06⅝- .08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06⅛- —
l.c.l., dlvd., except ex whse., Pac.cst.	lb.	.06⅜- —
ex whse., Pac. cs.	lb.	.06⅜- —
bbls., c.l., dlvd.	lb.	.06⅜- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- —
ex whse., Pac.cst.	lb.	.06⅜- —
35%, bgs., c.l., dlvd.	lb.	.06¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.0 ⅛- —
ex whse., Pac.cst.	lb.	.06½- —
bbls., c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- —
ex whse., Pac.cst.	lb.	.06¾- —
50%, bgs., c.l., dlvd.	lb.	.06⅜- —
Zinc, oxide, pigment, dom., Amer. process, leaded 50%, bgs., l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- —
ex whse., Pac. cst.	lb.	.06⅝- —
bbls., c.l., dlvd.	lb.	.06⅝- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅞- —
ex whse., Pac. cst.	lb.	.06⅞- —
French process, coml., lead-free, bgs., c.l., dlvd.	lb.	.0 ¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07⅝
ex whse., Pac. cst.	lb.	.06½- .07⅝
bbls., c.l., dlvd.	lb.	.06½- .07⅝
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.,	lb.	.08 - —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08½- —
ex whse., Pac. cst.	lb.	.08½- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l., dlvd.	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
import., gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.,	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .12½
Oxide, USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls.	lb.	.23 - .25
Resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
USP, bbls.	lb.	.21 - —
Sulphate, cryst., bgs., c.l.	100 lbs.	3.15 - —
l.c.l.	100 lbs.	3.90 - —
bbls., c.l.	100 lbs.	3.30 - —
l.c.l.	100 lbs.	4.00 - —
flake, bgs., c.l.	100 lbs.	3.00 - —
l.c.l.	100 lbs.	4.35 - —
bbls., c.l.	100 lbs.	3.75 - —
l.c.l.	100 lbs.	4.50 - —
powd., bgs., c.l.	100 lbs.	5.00 - —
l.c.l.	100 lbs.	5.75 - —
bbls., c.l.	100 lbs.	5.15 - —
l.c.l.	100 lbs.	5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.09¼- —
bbls., c.l. (20 tons), dlvd.	lb.	.09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.09½- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .26
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 - —
l.c.l., works.	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. except Pac. cst.	lb.	.05½- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., works.	lb.	3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00 -100.00
kgs., small lots, works.	lb.	.04¼- .04½
white, 98%, grd., kgs., works.	lb.	1.40 -1.52

Petroleum Gases Output Up 38 Percent in 1936

(Continued from page 5)

The domestic and gas manufacturing demand, respectively, for propane-butane mixtures, was approximately 2,000,000 gallons in 1936, while about 2,700,000 gallons were sold for motor fuel in the same period.

Bulk shipments of liquefied petroleum gases totaled 82,575,000 gallons in 1936 or 77.4 percent of the total movement of the gases into consumption, compared with 61,457,000 gallons or 80 percent of the 1935 marketed demand. Cylinder and drum deliveries were relatively greater in 1936, 22.6 percent of the liquefied petroleum gas sales having been handled in these containers compared with 20.0 percent in 1935. The volume of cylinder shipments increased from 15,398,000 gallons in 1935 to 24,077,000 gallons in 1936.

The following table shows the uses of the marketed production reported by 32 companies, 11 operating in the Pacific Coast area:—

Uses of Marketed Production of Liquefied Petroleum Gases 1936-1935

By uses—	Propane.	Butane.	Propane butane mixtures.	Pentane.	Total, 1936.	Total, 1935.
Domestic	24,423,000	2,956,000	2,048,000	587,000	30,014,000	21,380,000
Gas manufacturing	944,000	6,227,000	2,200,000	.....	9,371,000	7,581,000
Industrial fuel and chemical manufacturing	11,030,000	28,553,000	13,122,000	1,880,000	54,585,000	*47,894,000
Internal combustion engine fuel	105,000	9,622,000	2,749,000	.....	12,476,000	*.....
All other uses	.....	97,000	1,000	108,000	206,000	*.....
Totals	36,502,000	47,455,000	20,120,000	2,575,000	106,652,000	76,855,000
Percent 1936	34.2	44.5	18.9	2.4	100.0	.....
Percent 1935	34.9	44.3	17.6	3.2	100.0	.....
By methods of transportation—						
Bulk	16,319,000	46,526,000	17,289,000	2,447,000	82,575,000	61,457,000
Cylinders and drums	20,183,000	935,000	2,831,000	128,000	24,077,000	15,398,000
Totals	36,502,000	47,455,000	20,120,000	2,575,000	106,652,000	76,855,000
Regional distribution—						
Pacific Coast area	5,434,000	12,067,000	6,145,000	.....	23,646,000	17,678,000
All other areas	31,068,000	35,388,000	13,975,000	2,575,000	83,006,000	59,177,000
Totals	36,502,000	47,455,000	20,120,000	2,575,000	106,652,000	76,855,000

* The 1935 total includes industrial fuel, raw material for chemical manufacturing, internal combustion engine fuel and all other uses.

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the June 7 issue; the next printing will be in the July 5 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 35.

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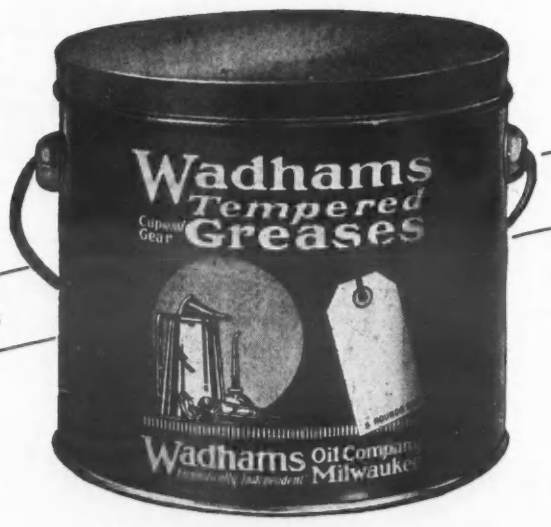

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Fertilizer Materials

Contract Bookings for New Season Constituted Most of Last Week's Trade — Bone Products Higher — Nitrate of Soda Prices For New Season Awaited by Trade

Except for contract bookings on potash salts and contracting for the ammoniates that have been offered for the coming season, there was very little activity in the market for fertilizer chemicals last week. The market's progress was more or less anti-climatic to the national convention of the preceding week. Nitrate of soda prices for the coming season were awaited but from earlier indications it was expected that prices would not be named until the current schedule expires at the end of the month.

The organic ammonia market did not attract much attention. Reports from the Chesapeake sector indicated that the second week of menhaden fishing was not so productive as the opening week's operations. There has been no further trading in the article; Japanese sardine meal was also quiet during the week.

Price movements were centered largely in the bone products group where advances were made in both domestic and foreign materials.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, raw, dom., Chicago, $1 per ton.
import, 50c. per ton.
meal, dom., Chicago, $1 per ton.
steamed, dom., Chicago, $1 per ton.
import, 50c. per ton.

Reduced

Blood, Chicago, 25c. per unit.
Fish scrap, Japanese sardine, nearby arrival, 50c. per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	64.0	64.0	59.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The trade was awaiting the appearance of the price schedule for the new season. One of the sellers indicated a few weeks ago the prices were not likely to be named until the present schedule expires at the end of this month. Imports for consumption totaled 153,449 tons in April, compared with 113,100 tons in April last year and the imports for the July-April period totaled 513,805 tons against 419,783 tons in a similar period in the preceding season, according to the Department of Commerce figures. The exports of "other nitrogenous chemicals," which are interpreted as being mainly domestic nitrate of soda, totaled 3,003 tons in April and were 116,555 for the July-April period. For a similar period last season the exports were 167,599 tons.

Sulphate of Ammonia.—There has been considerable progress in contracting for the new season at the new price schedule that was named a few weeks ago. Sulphate production has declined sharply as a result of the labor strikes at the steel mills. April imports totaled 7,456 tons against 17,257 tons in April last year, and the imports for the July-April period were 114,395 tons against 111,395 tons in a similar period last season. The exports for April, according to the Department of Commerce figures, were 12,359 tons against 15,201 tons in April last year, and foreign shipments for the July-April period were 45,825 tons against 146,080 tons in a like period last season.

Dried Blood.—Imported material was no longer offered at $3.60 per unit and the best offering price last week was $3.70 per unit for August shipment with practically nothing available for June or July because of the lack of freight space. The Chicago market moved off sharply with offerings at $3.25 per unit, a reduction of 25c. per unit from the preceding week's asked price. The New York market was more or less idle during the week with quotations at $3.50 per unit.

Fish Scrap.—Reports from the Chesapeake area indicated that the second week of fishing was not so productive as the opening week's catch. There have been no trades in unground menhaden scrap for the past few weeks and the price remained nominally at $4 and 10c. per unit-ton. There was not much doing in Japanese sardine meal last week and while the price for shipment remained unchanged at $50 per ton, c.i.f., the quotation for nearby arrival position was lower at $52 per ton, against $52.50 per ton a week ago.

Nitrogenous Material.—Prices continued without change for both the foreign and domestic materials.

Tankage.—The market did not have much activity during the week. Prices in the local market were $3.50 and 10c. per unit-ton for either ground or unground. Fertilizer and feeding stocks were priced at $3.25 and 10c. per unit-ton.

Potashes

Contract bookings for the maximum discounts were reported as having been extensive. The discount schedule of the sellers was substantially as follows:—Orders with specifications placed prior to July 1, 1937, for delivery at the buyer's plant in equal monthly tonnages from July 1, 1937, to January 31, 1938, 12 percent discount; orders with specifications placed from July 1, 1937, up to and including September 30, for delivery at buyer's plant in equal monthly tonnages from October 1, 1937, to January 31, 1938, 5 percent discount. After October 1, prices are at list.

Phosphates

Superphosphate stocks at the end of April were lower than they had been at any time in the past few years, according to the Department of Commerce monthly report which showed the end-of-month supply at 644,530 tons of bulk and 451,412 tons in base and mixed goods. This compared with 894,768 tons of bulk and 771,584 tons in base and mixed goods at the end of March, and, 742,105 tons of bulk and 384,621 tons in base and mixed goods at the end of April last year. Production in April 376,356 tons of bulk against 430,680 tons in March and 216,558 tons in April last year; shipments were 582,999 tons against 486,835 tons in March and 424,372 tons in April last year.

Bone Materials.—Imported 4½ and 50 raw bone was quoted at $35.50 per ton last week, an increase of 50c. over the preceding week. Imported 1 and 65-70 steamed was also 50c. per ton higher at $25 per ton. All domestic bone prices in Chicago were $1 per ton higher last week with $29 to $30 per ton named for 4½ and 50: $25 to $27 per ton for 3 and 50; and $23 to $24 per ton for 1¼ and 60 bone.

Superphosphate.—As reported previously, the producer's extended their July-December prices through the entire season at $8 per ton for run of pile, basis 16 percent, and, $8.50 per ton for guaranteed 16 percent material.

Sulphur and Pyrites

Labor difficulties in some lines of consumption have handicapped the ordering of sulphur during the past few weeks. Acid manufacturers in certain sections, however, were taking in large quantities. The Baltimore sector was particularly active.

Markets at Other Centers

Atlanta, June 17.—Movement of top dressing materials to consuming areas is practically over and the fertilizer industry is entering upon midsummer inactivity. Whatever interest exists in the purchase of materials for next season's mix is not manifest in sales, and is not expected to be until the periods of discounts near their ends.

The trade is waiting for new prices for nitrate of soda. No announcement of new superphosphate prices is expected in the cotton belt until Fall. No interest in organic ammoniates was reported.

Southern fertilizer manufacturers' chief interest at this time of the year is in the condition of the cotton and tobacco crops. Cotton shows an improved condition. The restricted acreage of tobacco is reported in good condition.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—Nominal.
NITRATE OF SODA.—$25.50 ton, bulk, ports.
SULPHATE OF AMMONIA.—$28.50 ton, port basis.
COTTONSEED MEAL.—7 percent grade, $38 ton, interior mills.
NITROGENOUS.—$3.15 to $3.25 per unit, midwestern points.
BLOOD.—$3.60 to $3.75 per unit, Chicago.
TANKAGE.—$3.50 to $3.75 per unit, Chicago.
POTASH.—At new schedule of prices.

Baltimore, June 16.—The movement of crude fertilizer materials was light.

FISH SCRAP.—The menhaden hauls down the Chesapeake Bay were light, due to wind and weather conditions. The nominal price for scrap remains at $4 and 10c. per unit-ton. Menhaden meal was still quoted at $50 per ton.

TANKAGE.—This ammoniate was easier, with not much trading done and with unground at $3.25 and 10c. to $3.40 and 10c. per unit-ton.

BLOOD.—Ground was $3.70 per unit.

NITRATE OF SODA.—The trade was still waiting for the new prices.

GARBAGE TANKAGE.—Figures currently mentioned were unchanged at $9 per ton at shipping points, which would make the price about $13 per ton here.

Chicago, June 17.—Some slackening of interest in the fertilizer materials market has been reported in various reports received here. The price structure was regarded as verifying this trend. Buyers were reluctant to come into the market in a substantial way, and the prices being quoted to them in an effort to arouse interest show some tendency toward recessions. Volume was not very brisk on most products. Blood was slow, tankage mostly quiet, and bone materials somewhat mixed. Inquiries continue fair.

BLOOD.—Principal grade, $3.25 to $3.50 per unit of ammonia.

TANKAGE.—High grade, $3.25 to $3.50 and 10c.: low grade, $23 to $25; liquid stick, $2.50 to $2.60; hoof meal, $3.60 to $3.70.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $23 to $24; 3 and 50 percent, $25 to $27; 4½ and 50 percent, $29 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $24 to $26; cattle jaws, skulls and knuckles, $33 to $35; pork cracklings, soft pressed, $50 to $55; beef cracklings, soft pressed, $45 to $50; hard pressed cracklings, per unit of protein, 70c. to 75c.

San Francisco, June 15.—The trade here is largely marking time, although there has been reported a scattered interest in some chemical agricultural products for forward bookings. Sulphate of ammonia is not yet making any great amount of headway, even though the prices have been fixed for the coming year. Some in the trade have a feeling that there is no need to make bookings yet and are biding their time. Ammonia phosphate has been receiving some attention, mostly, of course, in the southland. Superphosphate is routine. Animal and fish products are slow generally and these divisions of the market are leaning towards the easy side, with buyers' and sellers' ideas not coinciding.

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.30 per ton; bulk lots, $26 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles Harbor, and $30.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $31.50 per ton. Prices good for delivery to the end of June, 1938.

AMMONIA-PHOSPHATE.—Quoted at $39 per ton, single bags, $39.50 per ton, paper-lined bags, f.o.b. cars, San Francisco: basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles Harbor. Bags, 85c. to 90c. per unit. Foreign material, nominally quoted at 97c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal is quoted at from $50 to $52.50 per ton, prompt shipment, f.o.b. cars, San Francisco-Monterey, with offerings in Los Angeles reported on the basis of $48. Japanese sardine meal, fertilizer grade, quoted on the basis of $42 per ton, June/July shipment from the Orient, ex dock. Japanese machine-dried quoted at $36 per ton, ex dock, San Francisco.

TANKAGE.—Slow. Local packing house tankage, ground, fertilizer grade, quoted at $3.30 to $3.40 and 10c. per unit-ton, nominally, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted nominally at 82c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 67½c.

BONE MEAL.—Domestic bone meal, steamed, quoted in range, according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic quoted at $3.35 per unit, f.o.b. cars, Los Angeles.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Coconut Oil Tax Retention Argued

WASHINGTON, June 18, 1937.

Arguments for and against retaining the present excise taxes on coconut oil were made in briefs filed with the Joint Preparatory Committee on Philippine Affairs at hearings this week.

Charles W. Holman, secretary of the National Cooperative Milk Producers' Federation, filed a brief urging retention of the excise taxes, in case any change is made in the Tydings-McDuffie act creating the Philippine Commonwealth, on the ground that increased imports of coconut oil would seriously endanger domestic oils and fats industries.

On the other hand, a brief filed by John B. Gordon, secretary of the Bureau of Raw Materials for American Vegetable Oils and Fats Industries, contended that the tax should be reduced in order to benefit both crushers and consumers in this country and in order to retain a market for an important Philippine product for the purpose of permitting the islands to purchase other American goods.

J. D. Craig, of Spencer Kellogg & Sons, appeared before the committee today and explained that the Philippine export taxes on coconut oil will become so high during the sixth year of the commonwealth period as to eliminate all profit from the exportation of coconut oil from the islands.

Clifford R. Babson, widely known in the hardware and sporting goods trades of the country, has become a partner in the firm of Ingersoll, Norvell & Babson, sales consultants, with offices at 370 Lexington avenue, this city.

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N.F.A. Golf Winners

In the various events of the golf tournament in connection with this year's convention of the National Fertilizer Association the prizes were won by the following:—

Championship trophy—Winner, W. R. Sullivan; runner-up, A. A. Holmes.

Medal play handicap—June 7, winner, J. A. Monroe; runner-up, A. McLintock; June 8, winner, J. C. Devilbiss; runner-up, J. S. Coale; June 9, winner, A. A. Holmes; runner-up, L. E. Britton.

Match play against par—June 7, winner, C. E. Littlejohn; runner-up, L. J. Finnan, jr.; June 8, winner, J. B. S. Holmes; runner-up, Victor Kadish; June 9, winner, A. S. Key; runner-up, B. A. Crady.

Kickers' handicap—June 7, winner, S. J. Smith; runner-up, E. W. Wampler; June 8, winner, J. J. Summerell; runner-up, H. B. Taylor; June 9, winner, C. F. Burroughs, jr.; runner-up, Evan H. Jones.

Tombstone handicap—June 7, winner, C. E. Lightfoot; June 8, winner, W. R. Sullivan; runner-up, C. N. McNulty.

Low gross—June 7, winner, Bachman Smith, jr.; runner-up, W. T. Steele; June 8, winner, E. K. Ludington; runner-up, H. R. Wemple; June 9, winner, Western Logan.

Veterans' medal handicap — Winner, Charles S. Rauh; runner-up, R. C. Ellis.

Ladies' putting—Golfers, winner, Mrs. C. C. Smith; runner-up, Mrs. A. B. Baker; nongolfers, winner, Miss Anne Harris; runner-up, Mrs. R. W. McClellan.

Fertilizer Materials Groups Create Educational Units

For the furtherance of educational and other promotive work in respect of the adequate use and proper application of fertilizers the several groups of the fertilizer materials industry have named special committees. These committees will meet severally and jointly to develop programs and to carry on campaigns. The members of the three divisional committees are:—

Nitrogen—S. B. Haskell, of the Synthetic Nitrogen Products Corporation, New York, chairman; F. T. Techter, of the Barrett Company, New York; J. A. Woods, of the Chilean Nitrate Sales Corporation, New York.

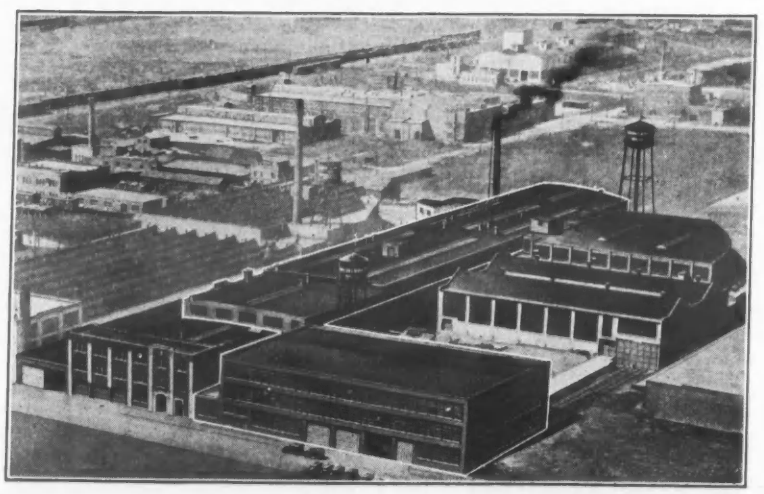
Potash—Horace M. Albright, of the United States Potash Company, New York, chairman; H. H. Hollesen, of the N. V. Potash Export My., New York; J. W. Turrentine, of the American Potash Institute, Washington.

Superphosphate—H. B. Baylor, of the International Agricultural Corporation, Atlanta; L. W. Rowell, of Swift & Co. Fertilizer Works, Chicago; W. T. Wright, of the F. S. Royster Guano Company, Norfolk, Va.

The superphosphate producers have appointed also a planning committee to serve their group. This committee is composed of the three members of the cooperating committee, named above, and B. H. Brewster, jr., of the Baugh & Sons Company, Baltimore; Wood Crady, of the Federal Chemical Company, Louisville; and Bachman Smith, of the Maybank Fertilizer Corporation, Charleston, S. C.

Wilson & Bennett Expanding Plant Capacity

The portion outlined by the white line in this picture comprises the two new three-story buildings and third floor addition being constructed at its Chicago plant by the Wilson & Bennett Manufacturing Company, manufacturer of steel pails and drums. The new construction will provide more than 116,480 square feet of floor space, which will be utilized for new production lines and increased warehousing and shipping facilities. Machinery and other equipment costing more than $200,000 will be installed in the additional space.



Johns-Manville to Build $1,000,000 Plant on Coast

Lewis H. Brown, president of the Johns-Manville Corporation, reports that work will be started soon on the first unit of a $1,000,000 factory in Watson, suburb of Los Angeles, Cal. The new factory will produce rock wool home insulation, and transite asbestos-cement pipe, products which in the past have been manufactured in the company's Mid-western and Eastern plants only. The construction is in addition to the company's $3,420,000 factory expansion program announced in February.

Rosin Freights Cancelled

The New York Public Service Commission has approved cancellation by the New York Central (East) railroad, of commodity freight rates on rosin, carloads, from various New York city stations to points on the Delaware & Hudson railroad; reductions to class rates; effective June 15.

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1 ck, Rawlplug Co, Scythia, Liverpool
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44 cs, T M Duche & Sons, Nankai, Hankow
38 cs, Consumers Import Co, Nankai, Hankow
44 cs, American Cyanamid & Chem Co, Nankai, Hankow
81 cs, D L Moss & Co, Gertrude Maersk, Shanghai
ALUMINUM LEAF—75 cs, F Gaskell & Co, Gerolstein, Antwerp
ANISE—93 bgs, Lunham & Reeve, Cape Corso, Marseilles
35 bgs, Peek & Velsor, Cape Corso, Marseilles
50 bgs, Knickerbocker Mills Co, Cape Corso, Marseilles
ANNATTO SEED—32 bgs, Levernbank, Madras
128 bgs, Levernbank, Colombo
ANTIMONY ORE—1,042 bgs, Santa Lucia, Mollendo
1,502 bgs, Duncan, Fox & Co, Marna, Arica
REGULUS—200 cs, Arnhold & Co, Noshiro, Hankow
ARROWROOT—1,200 bbls, 400 bgs, Morningstar, Nicol, Bjerka, St Vincent
20 bbls, J P Smith & Co, Carinthia, London
ARTISTS MATERIAL—5 cs, Winsor & Newton, Carinthia, London
ASBESTOS—134 bgs, Raw Asbestos Distr, Ltd, West Cawthorn, Lourenco
3,533 bgs, Raw Asbestos Distr, Ltd, West Cawthon, Beira
200 bgs, Standard Bank South Africa, Cawthon, Capetown
534 bgs, Capulin, Liverpool
800 bgs, Davies, Turner & Co, American Shipper, Liverpool
3,262 bgs, Birmania, Genoa
ASPHALT—360 bgs, A V Berner & Co, Seatrain New Orleans, Havana
315 bgs, J W Matkey, Seatrain New York, Havana
400 bgs, Chaplain & Bibbo, Yucatan, Vera Cruz
556 dms, Shell Union Corp, President Polk, Suez
BALSAM—1 cs, Lansen Naeve Corp, Hansa, Hamburg
LIQUID—1 cs, Rohner Gehrig & Co, Manhattan, Hamburg
BARIUM CHLORATE—140 kegs, International Selling Corp, Independence Hall, Havre
BARYTES—400 bgs, W H Weitzner, Birmania, Genoa
3,000 bgs, Smith Chem & Color Co, Birmania, Genoa
300 bgs, Whittaker, Clark & Daniels, Black Falcon, Rotterdam
BAUXITE RESIDUE—50 bgs, J Lee Smith & Co, Quaker City, Dundee
BELLADONNA LEAVES—26 bales, Birmania, Fiume
BONE MEAL—544 bgs, Birmania, Fiume
BRISTLES—50 cs, A Hurst & Co, Nankai, Hankow
44 cs, F W Von Stade, Nankei, Dairen
2 cs, F H Cone & Co, Nankai, Kobe
50 cs, Nankai, Tientsin
50 cs, Royal Bank of Canada, Nankai, Shanghai
8 cs, F H Cone & Co, Independence Hall, Havre
25 cs, Hughes Autograph Brush Co, Gertrude Maersk, Shanghai
100 cs, H R Ziegler, Noshiro, Hankow
50 cs, A Hurst & Co, Noshiro, Hankow
10 cs, F W Von Stade, Noshiro, Kobe
10 cs, F H Cone & Co, Noshiro, Kobe
1 cs, H Rosenhirsch Co, Noshiro, Kobe
15 cs, M R Ziegler, Noshiro, Hankow
99 cs, Royal Bank of Canada, Noshiro, Mukden
75 cs, Exchange Natl Bank Trust Co, Noshiro, Mukden
41 cs, Noshiro, Mukden
5 cs, Uyo, Kobe
2 cs, M Broverman & Son, American Trader, London
8 cs, American Trader, London
CALCIUM, METALLIC—14 cs, Chas Hardy, Cape Corso, Marseilles
CAMPHOR, CRUDE—239 cs, Mitsui & Co, Noshiro, Keelung
CARDAMOM—20 cs, S B Penick & Co, President Polk, Colombo
CASEIN—200 bgs, A Hurst & Co, Champlain, Havre
150 bgs, Champlain, Havre
350 bgs, A Hurst & Co, Carinthia, Southampton
CASSIA—300 bls, Knickerbocker Mills Co, Silverteak, Hongkong
498 pkgs, H P Winter & Co, Talisse, Padang
300 bls, Knickerbocker Mills Co, Potter, Hongkong
100 bls, L A Guido, Potter, Hongkong
800 bls, Gtrtrude Maersk, Hongkong
500 bls, R Fabien & Co, Noshiro, Hongkong
250 bls, Noshiro, Hongkong
250 bls, Van Loan & Co, Noshiro, Hongkong
300 bls, Gillespie & Co, Noshiro, Canton
172 pkgs, H P Winter & Co, Kota Nopan, Padang
BUDS—50 bgs, S L Jones & Co, Potter, Hongkong
ROLLS—100 bls, B H Old & Co, Potter, Hongkong
50 bls, Knickerbocker Mills Co, Noshiro, Hongkong
VERA—40 bls, Henrich Van Sicien, Talisse, Batavia
77 bls, Kota Nopan, Batavia
CELERY SEED—285 bgs, Silveray, Karachi
CHALK, BLOCK—1,500,000 kilos, Taintor Trading Co, Sarcoxie, Dunkirk
2,000,000 kilos, Taintor Trading Co, Independence Hall, Dunkirk
PRECIPITATED—125 bgs, H J Baker & Bro, Scythia, Liverpool
CHEMICALS—205 dms, H H Rosenthal Co, Nankai, Osaka
1 bbl, F Behrend, Scanpenn, Copenhagen
29 cs, E Fougera & Co, Champlain, Havre
3 cks, Mollinckrodt Chem Works, Champlain, Havre
1 ck, Ciba Co, Champlain, Havre
1 cs, U S Dyestuff Corp, Champlain, Havre
51 pkgs, Fulton Dye & Import Co, Champlain, Havre
2 cs, P H Petry & Co, Champlain, Havre
3 cs, Anglo French Laboratories, Champlain, Havre
1 ck, Lannan & Kemp, Champlain, Havre
20 cks, Carinthia, London
92 dms, International Selling Corp, Cape Corso, Marseilles
1,016 bgs, Advance Solvent & Chem Co, Hansa, Hamburg
10 cs, 40 bbls, Hansa, Hamburg
20 cks, Philipp Bros, Hansa, Hamburg
20 cks, Jungmann & Co, Hansa, Hamburg
11 cs, American Cyanamid & Chem Co, Hansa, Hamburg
10 cks, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
20 cks, E I Du Pont de Nemours Co, Hansa, Hamburg
37 bbls, National City Bank, Hansa, Hamburg
3 cs, Allondon S A, Hansa, Hamburg
36 cs, Schimmel & Co, Hansa, Hamburg
1 cs, A V Berner & Co, Hansa, Hamburg
50 cs, Bergstrom Trading Co, Hansa, Bremen
54 cs, Mallinckrodt Chem Works, Hansa, Hamburg
2 cs, Burroughs Wellcome Co, American Trader, London
2 cs, Yardley & Co, American Trader, London
2 dms, Scythia, Liverpool
19 dms, Mitchell Export Co, Normandie, Havre
102 dms, Advance Solvents & Chem Co, Gerolstein, Antwerp
10 bbls, Hummel Chem Co, Black Falcon, Rotterdam
500 bgs, Black Falcon, Rotterdam
250 bgs, 25 dms, 29 carboys, African Metals Corp, Black Falcon, Antwerp
CHERRYLAUREL—1 dm, J Manheimer, President Polk, Marseilles
CHINA CLAY—13 bgs, Concentrate Mfg Corp, Scythia, Liverpool
CHROME ORE—2,010 tons, 9 cwt 1 qtr, 4 lbs, E J Lavino & Co, West Cawthon, Beira
CINCHONA BARK—12 cs, American Express Co, Black Falcon, Rotterdam
CINNABAR—5 cs, 18 bbls, A Hurst & Co, Birmania, Leghorn
CLAY—400 bgs, W Manley, Manhattan, Hamburg
3 bbls, Roepke & Otto, Manhattan, Hamburg
40 bgs, Budde & Westermann, Excello, Seville
300 bgs, W Manley, Hansa, Hamburg
COAL TAR PRODUCT—8 cs, Allondon, S A, Hansa, Hamburg
COBALT METAL—5 cs, Central Trading Corp, Gerolstein, Antwerp
70 cks, Gerolstein, Antwerp
COCA LEAVES — 80 bls, Maywood Chem Works, Santa Lucia, Salaverry
COCOA BEANS—750 bgs, Bjerka, Trinidad
29 bgs, Middleton & Co, Bjerka, Trinidad
500 bgs, Fruit Dispatch Co, Quirigua, Port Limon
425 bgs, Fruit Dispatch Co, Quirigua, Havana
730 bgs, Curacao Trading Co, Coamo, Ciudad
150 bgs, Lopez & Mangual, Amazone, Maracaibo
125 bgs, Mecke & Co, Amazone, Maracaibo
700 bgs, Amazone, Puerto Cabello
185 bgs, Nieschlag & Co, Amazone, Puerto Cabello
250 bgs, W R Grace & Co, Santa Lucia, Guayaquil
500 bgs, Santa Lucia, Cristobal
510 bgs, Curacao Trading Co, Ponce, Puerto Plata
300 bgs, Carr Bros, Ponce, Puerto Plata
315 bgs, Porcella, Vicini & Co, Ponce, Puerto Plata
100 bgs, Royal Bank of Canada, Ponce, Puerto Plata
300 bgs, Machado & Co, Ponce, Puerto Plata
385 bgs, Royal Bank of Canada, Western World, Trinidad
250 bgs, W R Grace & Co, Western World, Trinidad
1,025 bgs, Western World, Trinidad
COCONUTS — 200 bgs, 20,000 lbs, Standard Fruit & S S Co, Amapala, La Ceiba
1,750 bgs, 175,000 lbs, I L Toledano Corp, Buenaventura, Cristobal
2,085 bgs, 208,500 lbs, General Foods Corp, Pastores, Kingston
237 bgs, 23,700 lbs, E J Taub, Pastores, Kingston
175 bgs, 17,500 lbs, J A Manton, Pastores, Kingston
800 bgs, 80,000 lbs, General Food Corp, Calamares, Cristobal
COCONUT, DESIC—3,500 cs, General Foods Corp, Gertrude Maersk, Manila
480 cs, Dodwell & Co, President Polk, Manila
COLCHICUM SEED—6 bgs, Birmania, Fiume
COLOCYNTH—31 bls, S B Penick & Co, Ary Lensen, Port Said
COLORS—1 cs, W J Byrnes Co, Scythia, Liverpool
BRONZE—13 cans, Chase Natl Bank, Hansa, Hamburg
CADMIUM—6 bbls, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
CERAMIC—1 cs, B F Drakenfeld & Co, American Shipper, Liverpool
DRY—10 cks, Lo Curto & Funk, American Trader, London
EARTH—46 cks, Reichard, Coulston, Manhattan, Bremen
PRINTING—9 cs, Chase Natl Bank, Hansa, Hamburg
COPAIBA BALSAM—2 cs, F D Keller, Santa Paula, La Libertad
5 cs, W R Grace & Co, Santa Paula, La Libertad
COPPERAS—50 cks, R D Hines, Gerolstein, Antwerp
CORK—200 bls, Wicander & Co, Cape Corso, Lisbon
31 bls, L Mundet & Sons, Cape Corso, Lisbon
BOARDS—120 cs, Brown Bros Harrimann Co, Cape Corso, Lisbon
CORK, SHAVINGS—134 bls, Extavia, Bona
13 bls, H Suhl, Extavia, Bona
WASTE—1,230 bls, L Mundet & Sons, Excello, Seville
667 bls, Mitchell & Smith, Excello, Casablanca
377 bls, Excello, Seville
650 bls, Mitchell & Smith Co, Extavia, Algiers
2,470 bls, Congolean Nairn Co, Extavia, Bona
1,111 bls, H Suhl, Extavia, Bona
1,125 bls, Wicander & Co, Cape Corso, Lisbon
1,205 bls, L Mundet & Sons, Cape Corso, Lisbon
1,406 bls, Cape Corso, Lisbon
10,045 bls, L Mundet & Sons, Ary Lensen, Lisbon
WOOD—48 bls, L Mundet & Son, Excello, Seville
5,688 bls, Mitchell & Smith, Excello, Casablanca
520 bls, Extavia, Algiers
877 bls, Brown Bros Harrimann Co, Extavia, Bona
180 bls, Manufacturers Trust Co, Cape Corso, Lisbon
385 bls, Chase Natl Bank, Cape Corso, Lisbon
492 bls, Cape Corso, Lisbon
95 bls, Hansa, Bremen
CORNSILK—25 bls, Peek & Velsor, Birmania, Genoa
CRESOL—36 kgs, Monsanto Chem Co, Scythia, Liverpool
CUBEBS—24 bgs, President Polk, Singapore
CUTTLEFISH BONES—145 cs, Frank Vliet Co, Cape Corso, Marseilles
340 cs, American Cuttlefish Bones Co, Cape Corso, Marseilles
DANDELION ROOT—8 bls, J L Hopkins & Co, Hansa, Hamburg
DRAGONS BLOOD—10 cs, Bank of Manhattan, Kota Mopan, Sigli
10 cs, Bank of Manhattan, President Polk, Penang
DRUGS—11 cs, National City Bank, Carinthia, Southampton
3 bgs, Hansa, Hamburg
208 bgs, President Polk, Bombay
DYES, ANILIN—13 dms, Fulton Dye & Import Co, Manhattan, Havre
49 pkgs, Ciba Co, Champlain, Havre
1 keg, L B Holliday & Co, Scythia, Liverpool
10 pkgs, Geigy Co, Normandie, Havre
192 pkgs, Ciba Co, Normandie, Havre
11 pkgs, Fulton Dye & Import Co, Normandie, Havre
1 bbl, L & R Organic Product Co, Black Falcon, Antwerp
DYESTUFF—17 dms, L & R Organic Product Co, Nankai, Osaka
60 dms, E I DuPont de Nemours & Co, Yucatan, Vera Cruz
EARTH, CRUDE—260 bgs, West Cawthon, Capetown
EGG YOLK, HEN—138 cs, D L Moss & Co, Nankai, Shanghai
224 cs, Henningsen Bros, Nankai, Hankow
56 cs, Henningsen Bros, Nankai, Tientsin
56 cs, Stein, Hall & Co, Nankai, Tientsin
56 cs, Importers Com Co, Nankai, Tientsin
149 cs, D L Moss & Co, Gertrude Maersk, Shanghai
56 cs, H Baron & Co, Noshiro, Tientsin
168 cs, Henningsen Bros, Noshiro, Tientsin
56 cs, I Grob & Co, Noshiro, Tientsin
112 cs, Stein, Hall & Co, Noshiro, Tientsin
EUPHORBIA—20 bls, President Polk, Colombo
FERTILIZER—5,000 bgs, Mitsui & Co, Uyo, Kobe
FILTER COMPOUND—100 bls, Hansa, Hamburg
PAPER—10 cs, H Reeve Angel & Co, Carinthia, London
98 bls, J Manheimer, Aquitania, Southampton
41 pkgs, H Reeve Angel & Co, Aquitania, Southampton
FISH MEAL—2,000 bgs, Mitsui & Co, Uyo, Nagoya
FLAXSEED—4,063 tons, 162,520 lbs, Archer, Daniels, Midland Co, Rio Negro, Rosario
FLEASEED—150 bgs, S B Penick & Co, Cape Corso, Marseilles
558 bgs, T M Duche & Sons, President Polk, Bombay
10 bgs, President Polk, Marseilles
334 bgs, S B Penick & Co, Silveray, Bombay
275 bgs, Silveray, Bombay
GAMBIER—140 bgs, Chase National Bank, Silverteak, Singapore
80 bgs, Chase National Bank, Steel Seafarer, Singapore
GELATIN—80 bgs, Champlain, Havre
7 pkgs, Richard Shipping Co, Hansa, Hamburg
3 cs, Dingelstedt & Co, Hansa, Bremen
40 bgs, T M Dunn, Gerolstein, Antwerp
167 cks, T M Duche & Sons, Black Falcon, Antwerp
GENTIAN ROOT—37 bls, J L Hopkins & Co, Hansa, Hamburg
GINGER ROOT—200 bgs, O Gerdau Co, Pastores, Kingston
14 bbls, Hoffman Beverage Co, Pastores, Kingston
50 bgs, Barclay Bank, Calamares, Kingston
GLASS, PLATE—11 cs, Globe Shipping Co, Hansa, Hamburg
6 cs, Mark Bros, Black Falcon, Antwerp
WINDOW—20 cs, Bienenfeld Import Corp, Manhattan, Hamburg
125 cs, L Solomon & Son, Manhattan, Hamburg
150 cs, Semon, Bache & Co, Manhattan, Hamburg
831 cs, Vitrea Co, Manhattan, Hamburg
40 cs, Manhattan, Hamburg
4 cs, Perry Ryer & Co, Hansa, Bremen
7 cs, W J Byrnes & Co, Hansa, Hamburg
10 cs, Scythia, Liverpool
31 cs, Manufacturers Trust Co, Gerolstein, Antwerp
56 cs, Abbott Glass Co, Black Falcon, Antwerp
GLUE—59 bls, International Selling Corp, Normandie, Havre
FISH—25 cs, E T Sullebarger Co, Transylvania, Glasgow
GLUESTOCK—126 bls, Birmania, Trieste
GLYCERIN—109 tons, Procter & Gamble, Gertrude Maersk, Manila
120 dms, Hansa, Hamburg
GRAPHITE—2,940 bgs, Asbury Graphite Mills, Noshiro, Chinnampo
1,286 bgs, National City Bank, Levernbank, Colombo
250 bgs, Bank of Manhattan, President Polk, Colombo
658 bgs, C E Pettinos, President Polk, Colombo
2,117 bgs, J F Starkey & Co, Silveray, Colombo
GREASE, WOOL—90 bbls, Robinson, Wagner Co, American Shipper, Manchester
10 dms, American Shipper, Manchester
GREAVE CAKES—387 bgs, Van Iderstine Co, Paraguayo, Buenos Aires
GUM—12 pkgs, Chicle Development Co, Bjerka, Trinidad
4 cs, Magnus, Mabee & Reynard, American Trader, London
34 pkgs, Birmania, Genoa
ARABIC—350 bgs, T M Duche & Sons, Marwarri, Port Sudan
150 bgs, Innis, Speiden & Co, Marwarri, Port Sudan
50 bgs, J L Hopkins & Co, Marwarri, Port Sudan
390 bgs, Frank Vliet Co, Levernbank, Port Sudan
150 bgs, Levernbank, Port Sudan
250 bgs, Paul A Dunkel & Co, Silveray, Port Sudan
150 bgs, Arabol Mfg Co, Silveray, Port Sudan
150 bgs, Thurston & Braidich, Silveray, Port Sudan
BENZOIN—50 cs, National City Bank, Kota Nopan, Sibolga
100 cs, W E Martin, Kota Nopan, Sibolga
35 cs, Kota Nopan, Sibolga
COPAL—187 bgs, National City Bank, Silverteak, Macassar
130 bskts, Chase Natl Bank, Silverteak, Macassar
183 bskts, Manufacturers Trust Co, Silverteak, Macassar
65 bskts, Irving Trust Co, Silverteak, Macassar
101 bskts, T G Cooper & Co, Silverteak, Macassar
111 bskts, S Winterbourne & Co, Silverteak, Macassar
101 bskts, Thurston & Braidich, Silverteak, Macassar
162 bskts, O G Innes Corp, Silverteak, Macassar
64 bgs, 75 bskts, S Winterbourne & Co, Talisse, Batavia
121 bskts, National Carloading Co, Talisse, Batavia
42 bgs, 202 bskts, O G Innes Corp, Talisse, Batavia
250 bskts, Stroock & Wittenberg, Talisse, Batavia
34 bskts, W H Scheel, Talisse, Batavia
161 bskts, Philadelphia Natl Bank, Talisse, Posso
242 bskts, Sino Java Hvg, Talisse, Tominibay
160 bskts, O G Innes Corp, Talisse, Amboina
203 bskts, Stroock & Wittenberg, Talisse, Tala
70 bgs, Gillespie-Rogers-Pyatt Co, Kota Nopan, Singapore
DAMMAR—422 bgs, National City Bank, Silverteak, Macassar
50 cs, 105 bgs, Gillespie-Rogers-Pyatt Co, Silverteak, Singapore
70 bgs, France, Campbell & Darling, Silverteak, Singapore
200 cs, O G Innes Corp, Talisse, Batavia
1 cs, Catz American Co, Steel Seafarer, Batavia
350 cs, Kota Nopan, Batavia
100 cs, National City Bank, Kota Nopan, Batavia
50 cs, Thurston & Braidich, Kota Nopan, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, President Polk, Singapore
420 bgs, President Polk, Singapore
640 bgs, S Winterbourne & Co, President Polk, Singapore
ELEMI—75 cs, S Winterbourne & Co, Gertrude Maersk, Manila
KARAYA—133 bgs, Innis, Speiden & Co, President Polk, Bombay
66 bgs, T M Duche & Sons, President Polk, Bombay
67 bgs, President Polk, Bombay
266 bgs, Innis, Speiden & Co, Silveray, Bombay
66 bgs, Frank Vliet Co, Silveray, Bombay
399 bgs, Silveray, Bombay
LOCUST BEAN—50 bgs, T M Duche & Sons, President Polk, Genoa
MYRRH—20 cs, J C Andersen & Co, Levernbank, Aden
SHIRAZ—50 bgs, A D Isbetcherian, Silveray, Bombay
TRAGACANTH—235 bgs, 30 cs, E Meer & Co, President Polk, Bombay
334 bgs, President Polk, Bombay
GYPSUM—6,150 tons, U S Gypsum Co, Gypsum Empress, Windsor
2,250 tons, National Gypsum Co, Gyda, Cheticamp
6,100 tons, U S Gypsum Co, Gypsum Prince, Windsor
HERBS, MEDICINAL—8 bls, Globe Shipping Co, Hansa, Hamburg
64 bls, S B Penick & Co, Birmania, Genoa
10 bls, Peek & Velsor, Birmania, Genoa
14 bls, Gerolstein, Antwerp
HOPS—22 bls, J Sonnenscheim Hop Co, Manhattan, Hamburg
12 bls, 3 ballots, Globe Shipping Co, Hansa, Bremen
2 bls, Carl Ullman & Co, Black Falcon, Antwerp
INFUSORIAL EARTH—500 bgs, C B Chrystal & Co, Excello, Oran
IRISH MOSS—10 bls, J L Hopkins & Co, Champlain, Havre
30 bls, C H Reisig, Champlain, Havre
20 bls, S B Penick & Co, Champlain, Havre
50 bls, Innis, Speiden & Co, Champlain, Havre
4 bgs, Champlain, Havre
IRON CHLORIDE — 125 cks, Philipp Bros, Hansa, Hamburg
OXIDE—15 cks, J A McNulty, American Shipper, Manchester
30 cks, American Shipper, Liverpool
ISINGLASS—5 cs, Carinthia, London
LAVENDER FLOWERS—2 bgs, Yardley & Co, American Trader, London
LOCUST BEANS—16 bgs, J L Hopkins & Co, Scythia, Liverpool
MACE—8 cs, Catz American Co, Silverteak, Macassar
20 cs, J Harrison & Whitney, Silverteak, Macassar
52 cs, Catz American Co, Talisse, Batavia
30 cs, J W Phyfe & Co, Talisse, Abenado
10 cs, Chase Natl Bank, Talisse, Abenado
MAGNESIA, CARBONATE—20 bgs, Concentrate Mfg Co, Scythia, Liverpool
200 cs, Schofield, Donald Co, Scythia, Genoa
25 cs, Lo Curto & Funk, Bermania, Genoa
CHLORIDE—20 cks, Jungmann & Co, Gerolstein, Antwerp
HYDRATE—80 cs, Schofield, Donald Co, Scythia, Liverpool
MANGANITE MANGANESE ORE—25 dms, Hansa, Hamburg
MANGROVE BARK EXTRACT—1,000 bgs, Silverteak, Singapore
3,345 bgs, Philippine Cutch Corp, President Polk, Manila
MANIOC MEAL—8,160 bgs, Kota Nopan, Samarang

MEDICINAL PREPS—4 cs, Italian Drug Import Co, Conte de Savoia, Naples
MICA—230 cs, National City Bank, Marwarri, Calcutta
351 cs, Philadelphia Natl Bank, Marwarri, Calcutta
12 cs, Marwarri, Calcutta
182 cs, A O Schoonmaker, Independence Hall, Havre
12 cs, Independence Hall, Havre
413 cs, D F Young, Cape Corso, Marseilles
100 cs, Corn Exchange Bank, American Trader, London
30 cs, Western World, Rio Janeiro
BLOCK—97 cs, Marwarri, Calcutta
46 cs, Whitford Point, Calcutta
FILM—1 cs, Whitford Point, Calcutta
SPLITTINGS—424 cs, General Electric Co, Marwarri, Calcutta
150 cs, Philadelphia Natl Bank, Marwarri, Calcutta
141 cs, Guaranty Trust Co, Marwarri, Calcutta
46 cs, Philadelphia Natl Bank, Whitford Point, Calcutta
180 cs, E J Cornelis, Whitford Point, Calcutta
29 cs, General Electric Co, Whitford Point, Calcutta
WASTE—1,770 bgs, Marwarri, Calcutta
MINERALS—1,830 bgs, National Lead Co, Western World, Buenos Aires
674 bgs, Watson, Geach & Co, Western World, Buenos Aires
MOLASSES—7,410 tons, United Molasses Co, Athelprince, Sourabaya
5,751 tons, United Molasses Co, Athelprince, Semarang
850 tons, W R Grace & Co, Santa Lucia, Salaverry
250 tons, W R Grace & Co, Santa Lucia, Supe
MOWRAH MEAL—560 bgs, Whitford Point, Calcutta
MUSK—1 cs, Yardley & Co, American Trader, London
MYROBALANS—9,956 pockets, Marwarri, Calcutta
1,380 bgs, Hammond & Carpenter, Silveray, Bombay
NAPHTHALENE—544 bgs, F B Bertrand, Quaker City, Hull
643 bgs, F B Bertrand, Capulin, Manchester
242 bgs, F B Bertrand, Capulin, Liverpool
751 bgs, Charles Hardy, Black Falcon, Antwerp
NUTMEGS—150 bgs, B H Old & Co, Bjerka, Grenada
50 bgs, I Harrison & Whitney, Bjerka, Grenada
2 bgs, 2 cs, O G Lind Corp, Bjerka, St Lucia
200 bgs, Talisse, Padang
214 bgs, Continental Bank Trust Co, Talisse, Padang
152 bgs, H P Winter & Co, Talisse, Padang
240 bgs, Kota Nopan, Batavia
NUX VOMICA—866 bgs, Mitsui & Co, Nankai, Saigon
OCHER—15 dms, 10 bbls, F H Deutz, Cape Corso, Marseilles
40 bbls, C J Osborn & Co, Cape Corso, Marseilles
215 bgs, 35 dms, Landers, Segal Color Co, Cape Corso, Marseilles
OIL, ANISE—5 dms, Orbis Product Corp, Noshiro, Hongkong
BERGAMOT—4 cs, Yardley & Co, American Trader, London
CAJEPUT—6 dms, J F Frank, Talisse, Batavia
CAMPHOR—18 dms, Magnus, Mabee & Reynard, Gertrude Maersk, Kobe
12 dms, Geo Lueders & Co, Noshiro, Keelung
50 dms, Dodge & Olcott Co, Noshiro, Keelung
2 dms, Magnus, Mabee & Reynard, Noshiro, Yokohama
10 dms, Norda Essential Oil & Chem Co, Noshiro, Yokohama
CANANGA—4 dms, Catz American Co, Steel Seafarer, Batavia
CASSIA—20 dms, Bingham & Co, Gertrude Maersk, Canton
5 dms, Lo Curto & Funk, Gertrude Maersk, Canton
CHINAWOOD—260 tons, Murray Oil Product Co, Nankai, Hankow
189 tons, Mitsui & Co, Nankai, Hankow
133 dms, Gertrude Maersk, Canton
50 dms, Gertrude Maersk, Hongkong
266 dms, Wah Chang Trading Corp, Noshiro, Hongkong
299 tons, Pacific Vegetable Oil Co, Noshiro, Hankow
801 tons, Spencer, Kellogg & Sons, Noshiro, Hankow
50 dms, J L Dirick, Noshiro, Kobe
CITRONELLA—7 dms, Talisse, Batavia
14 dms, Catz American Co, Steel Seafarer, Batavia
8 dms, Kota Nopan, Batavia
COCONUT—301 tons, Philippine Refg Co, Silverteak, Manila
599 tons, Philippine Refg Co, Silverteak, Cebu
10 cs, F J Krikorian & Son, Calamares, Kingston
COD—200 cks, Balfour, Guthrie & Co, Manhattan, Hamburg
450 dms, Hansa, Hamburg
25 dms, F W Damon, Fort Townshend, St Johns
CODLIVER—50 dms, I M M Co, Manhattan, Hamburg
136 dms, Carinthia, London
48 dms, S Emy, Uyo, Yokohama
100 dms, Mitsui & Co, Uyo, Yokohama
CORN—460 dms, Corn Product Refg Co, Independence Hall, Dunkirk
360 dms, Corn Product Refg Co, Gertrude Maersk, Kobe
50 dms, Black Falcon, Antwerp
COTTONSEED—298 tons, Mitsui & Co, Nankai, Osaka
785 tons, Quaker City, Hull
Quantity, Mitsui & Co, Noshiro, Osaka
534 dms, Paraguayo, Santos
534 dms, Western World, Santos
ESSENTIAL—11 cs, Manhattan, Havre
46 cs, Champlain, Havre
1 cs, Cape Corso, Grasse
6 cs, American Trader, London
2 cs, President Polk, Marseilles
7 cs, Normandie, Havre
FUEL—90,500 bbls, Standard Oil Co of N J, Beacon, Aruba

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OIL, FUEL—99,000 bbls, Standard Oil Co of N J, H H Rogers, Aruba
78,660 bbls, Asiatic Petroleum Corp, Cliona, Curacao
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
GERANIUM—6 dms, Fritzsche Bros, Excello, Algiers
11 dms, Excello, Algiers
3 dms, Corn Exchange Bank, Extavia, Algiers
6 dms, J Manheimer, President Polk, Marseilles
LAVENDER—12 dms, Yardley & Co, American Trader, London
2 cs, Lo Curto & Funk, President Polk, Marseilles
MINERAL—100 dms, Hansa, Hamburg
80 cks, General Motor Corp, Hansa, Hamburg
150 dms, S Schwabacher & Co, Hansa, Hamburg
25 dms, 20 cks, Hansa, Hamburg
MUSTARD SEED—10 dms, W R Grace & Co, Nankai, Kobe
100 dms, Balfour, Guthrie & Co, Noshiro, Osaka
25 dms, Balfour, Guthrie & Co, Noshiro, Yokohama
1 can, B S Crewal, President Polk, Bombay
OLIVE—260 cs, Champlain, Havre
40 dms, Excello, Oran
2,675 cs, Excello, Seville
100 dms, Leghorn Trading Co, Extavia, Algiers
25 dms, Hellenic Bank, Cape Corso, Marseilles
50 dms, Smith Wehman Co, Cape Corso, Marseilles
100 dms, Banca Comi Italian Trust Co, Cape Corso, Marseilles
200 dms, Public Natl Bank, Cape Corso, Marseilles
50 dms, Cape Corso, Marseilles
25 dms, Central Hanover Bank, Cape Corso, Marseilles
15 dms, 100 cs, Cape Corso, Nice
27 dms, Atlantic & Pacific Tea Co, President Polk, Genoa
85 dms, 680 cs, President Polk, Genoa
25 dms, Banco di Napoli Trust Co, President Polk, Marseilles
4,818 cs, 60 dms, Birmania, Leghorn
500 cs, Birmania, Genoa
OLIVE FOOTS—130 dms, Leghorn Trading Co, Extavia, Algiers
OLIVE SULPHUR — 400 dms, Leghorn Trading Co, Cape Corso, Lisbon
150 dms, E M Sergeant Pulp & Chem Co, Cape Corso, Lisbon
104 dms, Smith, Wehman Co, Ary Lensen, Lisbon
PALM—854 tons, Balfour, Guthrie & Co, Congonian, Opopo
1,186 tons, Balfour, Guthrie & Co, Congonian, Burutu
395 tons, Balfour, Guthrie & Co, Congonian, Abonema
1,193 tons, Balfour, Guthrie & Co, Congonian, Port Harcourt
1,142 tons, Balfour, Guthrie & Co, Congonian, Calabar
1,574 tons, Balfour, Guthrie & Co, Congonian, Matadi
490 tons, Banque Belge pour l'Etranger, Talisse, Belawan
1,034 tons, Guaranty Trust Co, Talisse, Belawan
934 tons, Guaranty Trust Co, Kota Nopan, Belawan
5,712 tons, Van L, Kota Nopan, Belawan
180 dms, Balfour, Guthrie & Co, Black Falcon, Rotterdam
PALMKERNEL—75,000 kilos, Black Falcon, Rotterdam
PATCHOULI—1 dm, Dodge & Olcott, Steel Seafarer, Batavia
3 cs, Naugatuck Chem Co, President Polk, Singapore
PERILLA—405 tons, Mitsui & Co, Noshiro, Hankow
PINENEEDLE—3 dms, Hansa, Hamburg
POLLACK LIVER—15 dms, S Emy, Uyo, Yokohama
RICE BEAN—200 dms, Wessel, Duval & Co, Scythia, Liverpool
ROSEMARY—6 dms, Bertrand Freres, Excello, Tunis
4 dms, J Manheimer, Exochorda, Marseilles
RUDA—1 pkg, Fritzsche Bros, Excello, Seville
SASSAFRAS—30 dms, Norda Essential Oil & Chem Co, Gertrude Maersk, Kobe
SESAME — 50 dms, N C Littauer, Scanpenn, Copenhagen
TEASEED—550 dms, Nankai, Canton
150 dms, Mitsubishi Shoji Kaisha, Nankai, Hankow
75 dms, Melchers, Inc, Gertrude Maersk, Hongkong
200 dms, W R Grace & Co, Gertrude Maersk, Hongkong
50 dms, Gertrude Maersk, Hongkong,
100 dms, E M Sergeant Pulp & Chem Co, Noshiro, Hongkong
250 dms, Mitsubishi Shoji Kaisha, Noshiro, Hankow
VEGETABLE—100 dms, I R Boody & Co, Black Falcon, Rotterdam
VETIVER—2 dms, G Uhe Co, Steel Seafarer, Batavia
1 dm, Kota Nopan, Batavia
2 dms, J Manheimer, President Polk, Marseilles
YLANG YLANG—2 dms, French Line, Levernbank, Aden
1 bbl, Dollar S S Co, President Polk, Port Said
OPIUM—26 cs, New York Quinine & Chem Works, Manhattan, London
51 cs, Ary Lensen, Istanbul
ORANGE FLOWER WATER—5 dms, J Manheimer, President Polk, Marseilles
ORANGE PEEL—100 bls, R J Prentiss & Co, Cape Corso, Marseilles
ORE—190 bgs, Wah Chang Trading Corp, Nankai, Shanghai
ORRISROOT—2 cks, Yardley & Co, American Trader, London
OSSEIN—1 pkg, T M Duche & Sons, Black Falcon, Antwerp
PAPAIN—24 cs, Levernbank, Colombo
PAPRIKA—185 bgs, Hansa, Hamburg
17 bgs, Knickerbocker Mills Co, Hansa, Hamburg
38 cs, Victory Shipping Co, Hansa, Hamburg
400 cs, Banca Comi Italian Trust Co, Scythia, Liverpool
PARAFFIN—1,200 bgs, Asiatic Petroleum Corp, Talisse, Sourabaya
8,800 bgs, Asiatic Petroleum Corp, Kota Nopan, Sourabaya
PATCHOULI LEAVES—1 bl, President Polk, Singapore
PAW PAW JUICE—16 half cs, Dodwell & Co, President Polk, Colombo
PEATMOSS—800 bls, Premier Peatmoss Corp, Scanpenn, Copenhagen
160 bls, Manhattan, Hamburg
536 bls, Premier Peatmoss Corp, Black Falcon, Antwerp
PEPPER, BLACK—1,944 bgs, Talisse, Oosthaven
77 bgs, Kota Nopan, Penang
PETROLEUM, CRUDE—66,156 bbls, Warner-Quinlan Co, Cymbeline, Las Piedras
POPPYSEED—150 bgs, Durkee Famous Foods, Black Falcon, Rotterdam
POTASH, CAUSTIC—247 dms, American Cyanamid & Chemical Co, Hansa, Hamburg
CHLORATE—300 kegs, International Selling Corp, Independence Hall, Havre
CHLORATE CRYSTAL—50 cks, Uniform Chemical Product Co, Hansa, Hamburg
POTASH, CHLORATE, POWD—1,102 cks, Uniform Chemical Product Co, Hansa, Hamburg
METALLIC—1 cs, Pfaltz & Bauer, Hansa, Bremen
PRUSSIATE—50 bbls, American Cyanamid & Chemical Co, Hansa, Hamburg
SALT—33 cks, 6 cs, F H Petry & Co, American Trader, London
PUMICE—1,701 bgs, C B Chrystal & Co, Extavia, Canneto
1,110 bgs, J H Rhodes & Co, Extavia, Canneto
LUMP—5,706 bgs, 10 cks, J H Rhodes & Co, Extavia, Canneto
67 bgs, C B Chrystal & Co, Ary Lensen, Piraeus
PUTTY—25 dms, Black Falcon, Antwerp
PYRETHRUM FLOWERS—125 bls, J Powell & Co, Nankai, Kobe
75 bls, West Cawthon, Mombasa
QUASSIA CHIPS—53 bgs, R J Prentiss & Co, Calamares, Kingston
QUEBRACHO EXTRACT—500 bgs, International Product Corp, Quaker City, Hull
500 bgs, International Product Corp, Western World, Buenos Aires
2,400 bgs, Tannin Corp, Western World, Buenos Aires
RAPESEED—300 bgs, Silveray, Karachi
RHUBARB—24 cs, R J Prentiss & Co, Nankai, Shanghai
14 cs, J L Hopkins & Co, Gertrude Maersk, Shanghai
ROOT, MEDICINAL—74 bgs, F W Berk & Co, Hansa, Hamburg
SAGO FLOUR—1,452 bgs, Stein, Hall & Co, Noshiro, Singapore
SANDALWOOD—1 cs, Yardley & Co, American Trader, London
BILLETS—979 bgs, W J Bush & Co, Levernbank, Madras
SAPONIN—10 cs, Stauffer Chem Co, Hansa, Hamburg
SARDINE MEAL—2,000 bgs, Mitsui & Co, Uyo, Kobe
1,120 bgs, Ashcraft Wilkinson Co, Uyo, Yokohama
1,120 bgs, H J Baker & Bro, Uyo, Yokohama
SARSAPARILLA ROOT—8 bls, Quirigua, Havana
SCHEELITE ORE—1,775 bgs, Steel Seafarer, Penang
SENNA LEAVES—105 bgs, Bank of Athens, Marwarri, Port Sudan
SETTINGS—15 bls, Ary Lensen, Port Said
SESAME SEED—112 bgs, N V Loring, Potter, Hongkong
180 bgs, Philadelphia Natl Bank, Gertrude Maersk, Shanghai
120 bgs, East Asiatic Co, Gertrude Maersk, Hankow
112 bgs, Noshiro, Hongkong
780 bgs, Arnhold & Co, Noshiro, Hankow
600 bgs, Mitsubishi-Shoji-Kaisha, Noshiro, Hankow
304 bgs, President Polk, Bombay
125 bgs, Silveray, Bombay
SHELLAC—200 bgs, E J Cornelis, Marwarri, Calcutta
400 bgs, 70 cs, Guaranty Trust Co, Marwarri, Calcutta
900 bgs, 278 cs, Alfred Kramer & Co, Marwarri, Calcutta
500 bgs, Chase Natl Bank, Marwarri, Calcutta
762 bgs, Wm Zinsser & Co, Marwarri, Calcutta
50 cs, Philadelphia Natl Bank, Marwarri, Calcutta
1,813 bgs, Argenti & Co, Marwarri, Calcutta
200 bgs, E E Androvette, Whitford Point, Calcutta
45 bgs, 25 cs, A Hurst & Co, Hansa, Hamburg
200 bgs, Gillespie-Rogers-Pyatt Co, Levernbank, Calcutta
300 bgs, E E Androvette, Levernbank, Calcutta
200 bgs, Philadelphia Natl Bank, Levernbank, Calcutta
550 bgs, Guaranty Trust Co, Levernbank, Calcutta
200 bgs, Wm Zinsser & Co, Levernbank, Calcutta
500 bgs, Argenti & Co, Levernbank, Calcutta
300 bgs, A Hurst & Co, Levernbank, Calcutta
BUTTONLAC—150 bgs, Argenti & Co, Marwarri, Calcutta
50 bgs, Gillespie-Rogers-Pyatt Co, Whitford Point, Calcutta
50 bgs, Guaranty Trust Co, Whitford Point, Calcutta
50 bgs, National City Bank, Levernbank, Calcutta
GARNETLAC—495 bgs, Wm Zinsser & Co, Marwarri, Calcutta
SEEDLAC—100 bgs, Argenti & Co, Marwarri, Calcutta
300 bgs, Wm Zinsser & Co, Marwarri, Calcutta
300 bgs, Chase National Bank, Marwarri, Calcutta
200 bgs, Alfred Kramer & Co, Marwarri, Calcutta
200 bgs, Marwarri, Calcutta
200 bgs, Wm Zinsser & Co, Whitford Point, Calcutta
350 bgs, Argenti & Co, Levernbank, Calcutta
200 bgs, E E Androvette, Levernbank, Calcutta
400 bgs, Carleton & Moffatt, Levernbank, Calcutta
SIENNA—10 bbls, T H Deutz, Cape Corso, Marseilles
200 bgs, Reichard-Coulston, Birmania, Leghorn
SOAP BARK, POWD—10 bgs, Hansa, Hamburg
19 bgs, J L Hopkins & Co, Hansa, Hamburg
251 bls, Duncan Fox & Co, Marna, San Antonio
SOAP—7 pkgs, Globe Shipping Co, Hansa, Hamburg
MILLINGS—56 cs, Yardley & Co, American Trader, London
SADDLE—50 cs, Salomon & Philipp, Carinthia, London
7 cs, American Express Co, Carinthia, London
SHAVING BASE — 66 cs, Yardley & Co, American Trader, London
STEARIC ACID—7 cs, Yardley & Co, American Trader, London
SODA, HYDROSULPHITE—70 dms, Hansa, Hamburg
NITRATE—1 cs, City Chem Corp, American Trader, London
SILICOFLUORIDE — 200 bgs, H Sundheimer, Birmania, Genoa
SPONGES — 16 bls, Schroeder & Tremayne, Champlain, Havre
12 bls, Oriente, Havana
26 bls, Santa Paula, Havana
REFUSE—10 bls, Santa Paula, Havana
STEARIN PITCH—25 bbls, Chaplain & Bibbo, Independence Hall, Dunkirk
162 bbls, Chaplain & Bibbo, Cape Corso, Marseilles
25 bbls, Chaplain & Bibbo, Scythia, Liverpool
TALC—200 bgs, Hammill & Gillespie, Independence Hall, Havre
2,500 bgs, Gertrude Maersk, Kobe
200 bgs, C B Chrystal & Co, Gertrude Maersk, Kobe
4 bgs, Noshiro, Hankow
5 bgs, Binney & Smith Co, Noshiro, Kobe
40 cs, Whittaker, Clark & Daniels, Noshiro, Kobe
TALC—5,750 bgs, Charles Mathew, Birmania, Genoa
300 bgs, C B Chrystal & Co, Birmania, Genoa
TALLOW—128 cks, Guaranty Trust Co, Western World, Montevideo
VEGETABLE—236 bales, Bingham & Co, Nankai, Hankow
246 bales, Bingham & Co, Gertrude Maersk, Hankow
506 blocks, East Asiatic Co, Gertrude Maersk, Hankow
852 pkgs, Colgate Palmolive Peet Co, Gertrude Maersk, Hankow
1,520 pkgs, Mitsubishi Shoji Kaisha, Noshiro Hankow
TAMARINDS—25 bbls, J L Hopkins & Co, Bjerka, Antigua
TANKAGE—1,016 bgs, Chase Natl Bank, Paraguay, Buenos Aires
2,552 bgs, Van Iderstine Co, Paraguayo, Buenos Aires
TANNING EXTRACT—100 cs, Gerolstein, Antwerp
TAPIOCA FLAKE—140 bgs, Chase Natl Bank, Talisse, Tjilatjap
FLOUR—1,103 bgs, Trust Co, of North America, Silverteak, Pasoeroen
522 bgs, Chase Natl Bank, Silverteak, Cheribon
2,140 bgs, Balfour, Guthrie & Co, Silverteak, Pamanoekan
3,838 bgs, Stein, Hall & Co, Talisse, Sourabaya
250 bgs, Public Natl Bank, Talisse, Cheribon
263 bgs, Chase Natl Bank, Talisse, Cheribon
250 bgs, Talisse, Cheribon
250 bgs, Forvent Co, Telisse, Tjilatjap
2,000 bgs, Talisse, Tjilatjap
1,514 bgs, Rutger, Bleecker & Co, Talisse, Samarang
552 bgs, Java American Export Co, Steel Seafarer, Sourabaya
1,263 bgs, Aaron D Welds Sons, Steel Seafarer, Sourabaya
1,757 bgs, Rutger, Bleecker & Co, Steel Seafarer, Batavia
3,683 bgs, Stein, Hall & Co, Steel Seafarer, Batavia
250 bgs, Catz American Co, Steel Seafarer, Cheribon
900 bgs, Rutger, Bleecker & Co, Steel Seafarer, Cheribon
531 bgs, Chase Natl Bank, Steel Seafarer, Cheribon
2,186 bgs, Stein, Hall & Co, Steel Seafarer, Cheribon
250 bgs, Rutger, Bleecker & Co, Steel Seafarer, Batavia
250 bgs, Catz American Co, Steel Seafarer, Cheribon
500 bgs, Rutger, Bleecker & Co, Steel Seafarer, Cheribon
250 bgs, Stein, Hall & Co, Steel Seafarer, Cheribon
500 bgs, Chase National Bank, Kota Nopan, Batavia
1,272 bgs, Kota Nopan, Tegal
800 bgs, Kota Nopan, Batavia
552 bgs, Chase National Bank, Kota Nopan, Pasoeroean
3,967 bgs, Stein, Hall & Co, Kota Nopan, Sourabaya
250 bgs, Kota Nopan, Cheribon
1,113 bgs, Com'l Nat'l Bank, Kota Nopan, Cheribon
1,000 bgs, Stein, Hall & Co, Kota Nopan, Batavia
215 bgs, Com'l Nat'l Bank, Kota Nopan, Sourabaya
500 bgs, H P Winter & Co, Kota Nopan, Cheribon
250 bgs, H P Winter & Co, Kota Nopan, Batavia
PEARL—306 bgs, Stein, Hall & Co, Kota Nopan, Sourabaya
TARTAR—420 bgs, Excello, Oran
482 bgs, Tartar Chem Works, Excello, Oran
102 bgs, Charles Pfizer & Co, Excello, Tunis
638 bgs, Charles Pfizer & Co, Extavia, Algiers
1,333 bgs, Charles Pfizer & Co, Cape Corso, Marseilles
511 bgs, Tartar Chem Works, Cape Corso, Marseilles
200 bgs, W R Grace & Co, Santa Lucia, Talcahuano
231 bgs, President Polk, Marseilles
TEAWASTE—1,600 bgs, Citro Chem Co, Whitford Point, Calcutta
2,658 bgs, Maywood Chem Works, Whitford Point, Calcutta
2,000 bgs, Citro Chem Co, Levernbank, Calcutta
1,005 bgs, Maywood Chem Works, Levernbank, Calcutta
TIMBO POWD—315 cs, West Imboden, Para
TOLU BALSAM—25 cs, Wessel, Duval & Co, Pastores, Porto Colombia
TUBA ROOT—20 bls, Steel Seafarer, Singapore
30 bls, President Polk, Singapore
TUNGSTEN ORE — 4,480 bgs, Wah Chang Trading Corp, Nankai, Shanghai
VALERIAN ROOT—35 bls, J L Hopkins & Co, Gerolstein, Antwerp
VALONEA—2,625 bgs, Barkey Import Co, Extavia, Izmir
4,050 bgs, Barkey Import Co, Ary Lensen, Izmir
4,088 bgs, Ionian Bank, Ary Lensen, Izmir
TRILLO—662 bgs, Barkey Import Co, Extavia, Izmir
953 bgs, Barkey Import Co, Ary Lensen, Izmir
VANILLA BEANS—37 cs, French Line, Marwarri, Port Said
1 cs, Var Lac Old Chem Co, Bjerka, St Lucia
8 cs, Talisse, Samarang
1 cs, Naugatuck Chem Co, Champlain, Havre
25 cs, Irving Trust Co, Champlain, Havre
6 cs, Catz American Co, Steel Seafarer, Batavia
6 cs, Banca Natl de Mexico, Yucatan, Vera Cruz
14 cs, Dodge & Olcott Co, Yucatan, Vera Cruz
25 cs, M Cortizas Co, Yucatan, Vera Cruz
217 cs, French Line, Ary Lensen, Port Said
12 cs, J Manheimer, President Polk, Marseilles
26 cs, Thurston & Braidich, President Polk, Marseilles
13 cs, Integrity Trust Co, President Polk, Marseilles
23 cs, Normandie, Havre
CUTS—12 cs, M Cortizas Co, Yucatan, Vera Cruz
WATER, MINERAL—105 cs, E J Petrosemoto, President Polk, Genoa
20 cs, General Transport Co, Conte de Savoia, Naples
20 cs, H S Dorf & Co, Champlain, Havre
1,600 cs, E & J Burke, Cape Corso, Marseilles
10 cs, Schenker & Co, Hansa, Hamburg
380 cs, D F Young, American Trader, London
WAX, BEES—8 bgs, W M Allison & Co, Marwarri, Suez
110 bgs, G B Ollivant, Independence Hall, Havre
50 bls, Innis, Speidan & Co, Cape Corso, Lisbon
45 blocks, Arnold, Dorr & Co, Corso, Lisbon
16 bgs, Schutte & Focke, Coamo, Ciudad, Trujillo
25 bgs, D Strengrafe, Yucatan, Havana

WAX, BEES—3 seroons, Porcella, Vicini & Co, Ponce, Puerto Plata
2 bgs, D Steengrafe, Ponce, Mayaguez
CERESIN—80 bgs, Asiatic Petroleum Corp, Kota Nopan, Batavia
OZOKERITE—20 bgs, Heemsoth, Kerner Corp, Hansa, Hamburg
30 bgs, Strahl & Pitsch, Hansa, Hamburg
VEGETABLE—5 bgs, Heemsoth, Kerner Corp, Hansa, Hamburg
300 cs, H H Rosenthal Co, Uyo, Kobe
100 cs, Mitsui & Co, Uyo, Kobe
40 bgs, A Hurst & Co, American Trader, London
20 bgs, A Hurst & Co, Bajamar, Glasgow
WOODFLOUR—3,250 bgs, Burnet Co, Scanpenn, Kotka
YEAST—45 bbls, Vulkan Yeast Co, Hansa, Hamburg
150 kegs, Compressed Yeast Corp, Hansa, Hamburg
ZINC OXIDE—5 cs, Yardley & Co, American Trader, London
ZINC AMMONIA CHLORIDE—22 bbls, American Cyanamid & Chemical Co, Black Falcon, Antwerp

New York Transit Imports

ANTIMONY REGULES—200 cs, McGram Chemical Co, Nankai, Hankow, Cleveland
BRISTLES—50 cs, H Rosenhirsch Co, Nankai, Hankow, Providence
CAMPHOR, CRUDE—504 cs, Eastman Kodak Co, Noshiro, Keelung, Rochester
CASHEW SHELL LIQUID—110 dms, Irvington Varnish & Insulator Co, President Polk, Bombay, Irvington
COTTON LINTERS—100 bls, Hercules Powder Co, Paraguayo, Santos, Houston
GUM BENZOIN—25 cs, McKesson & Robbins, Kota Nopan, Sibolga, Bridgeport
ISINGLASS—10 cs, G W Sheldon & Co, Carinthia, London
OIL, CHINAWOOD—470 tons, W G Smith Co, Gertrude Maersk, Hankow, Cleveland
160 tons, Spencer Kellogg & Sons, Gertrude Maersk, Hankow, Buffalo
COCONUT—467 tons, Spencer Kellogg & Sons, Gertrude Maersk, Manila, Buffalo
SASSAFRAS—23 dms, McKesson & Robbins, Gertrude Maersk, Kobe, Bridgeport
OPIUM—19 cs, Mallinckrodt Chemical Works, Aquitania, Southampton, St Louis
PAPAIN—114 cs, Carter, Cummings & Co, Levernbank, Colombo, Buffalo
SESAME SEED—200 bgs, Sokol & Co, Potter, Hongkong, Chicago
200 bgs, E E Marks & Co, Noshiro, Hongkong, Chicago
28 bgs, Sprague, Warner & Co, President Polk, Hongkong, Chicago
SPONGES—7 bls, Armaly Sponge & Chamois Co, Santa Paula, Havana, Detroit
56 bls, Santa Paula, Havana, Bordeaux
7 bls, Santa Paula, Havana, Amsterdam
101 bls, Santa Paula, Havana, Havre
REFUSE—8 bls, Armaly Sponge & Chamois Co, Santa Paula, Havana, Detroit
TAMARINDS—33 bbls, Bjerka, Antigua, Pittsburgh
ZINC SULPHIDE—1 ck, Claudius Ash Son & Co, American Trader, London, Irvington

Baltimore Imports

ANTIMONY OXIDE—100 kgs, Black Hawk, Antwerp
BONEMEAL—1,104 bgs, Black Hawk, Antwerp
1,110 bgs, City of Newport News, Hamburg
CHEMICALS—100 cks, 52 dms, Black Hawk, Rotterdam
1,000 bgs, African Metals Corp, Black Hawk, Antwerp
68 cks, City of Newport News, Hamburg
CHROME ORE—2,861 tons, Bethlehem Steel Co, Jan, Nuevitas
CLAY—270 cks, American Express Co, Black Hawk, Rotterdam
IRON, ORE—21,800 tons, Bethlehem Steel Co, Steelore, Cruz Grande
6,000 tons, Bethlehem Steel Co, Mangore, Daiquiri
11,850 tons, Bethlehem Steel Co, Firmore, Cruz Grande
21,700 tons, Bethlehem Steel Co, Bethore, Cruz Grande
MANGANESE ORE—8,600 tons, Olovsborg, Rio Janeiro
6,400 tons, Amtorg Trading Corp, Darcoila, Poti
200 tons, Angol, Coquimbo
8,700 tons, E J Lavino Co, Swiftpool, Takoradi
7,300 tons, Cefn-Y-Bryn, Poti
4,650 tons, Amtorg Trading Corp, Chelyuskinets, Poti
MOLASSES—270 tons, Athelsultan, Shanghai
9,929 tons, Athelsultan, Sourabaya
3,155 tons, Athelsultan, Semarang
5,924,985 lbs, Catahoula, La Romana
11,238,449 lbs, Catahoula, Macoris
OIL, COCONUT—500 tons, Silverteak, Cebu
CODLIVER—10 bbls, City of Newport News, Hamburg
LUBRICATING—225 dms, Black Hawk, Antwerp
SESAME—60 dms, Black Hawk, Rotterdam
PEATMOSS—2,920 bls, City of Newport News, Hamburg
PETROLEUM, CRUDE—93,651 bbls, Standard Oil Co of N J, Thorskov, Las Piedras
PHOSPHATE, PRECIPITATED—250 bgs, H J Baker & Bros, Black Hawk, Antwerp
PYRITES—7,552 tons, Vigeo, Huelva
SESAME SEED—480 bgs, Tasmania, Shanghai
84 bgs, Tasmania, Hongkong
SODA, NITRATE—1,445 tons, Chilean Nitrate Sales Corp, Marna, Tocopilla
6,841 bgs, Chilean Nitrate Sales Corp, Marna, Tocopilla
SILICOFLUORIDE—200 bgs, City of Newport News, Hamburg
WATTLE BARK—425 bgs, Challenger, Durban

Boston Imports

AGAR AGAR—30 bls, R J Prentiss & Co, Montreal, Kobe
ALBUMEN, BLOOD—5 cks, 18 cwt, 1 qr, 21 lbs, Scythia, Liverpool
ANTIMONY, SULPHIDE—10 cks, 1 ton, 7 cwt, 20 lbs, Wishnick Tumpeer, Scythia, Liverpool
BARYTES—551 bgs, Wishnick Tumpeer, Birmania, Venice
700 bgs, Stanley Doggett, Birmania, Venice
BITUMEN—39 bgs, American Trader, London
CHEMICALS—20 cks, 11,737 lbs, Birmania, Genoa
CHINA CLAY—70 cks, 619 bgs, 93 tons, English China Clays Sales Corp, Korsfjord, Fowey
1,967 tons, 9½ cwt, English China Clays Sales Corp, Korsfjord, Fowey
COCOA BEANS—509 bgs, 90,000 lbs, Tasmania, Cristobal
COCONUT, DESIC—160 cs, J L Kelson Co, Tai Ping Yang, Davao
225 cs, Philippine Desiccated Cocoanut Corp, Tai Ping Yang, Zamboanga
75 cs, Balfour, Guthrie & Co, Tai Ping Yang, Manila
1,010 cs, Franklin Baker Co, Tai Ping Yang, Manila
CROCUS POWDER—1 bg, Nicholson & Co, American Trader, London
EGGS, PRESERVED—2 cs, Sun Lee Chong, President Taft, Shanghai
YOLK, FROZEN—1,667 tins, G H Hammond, Tai Ping Yang, Shanghai
EMERY FILLET—1 cs, Atkinson, Haserick & Co, American Shipper, Liverpool
POWDER—30 bgs, 2 cs, Nicholson & Co, American Trader, London
EXTRACTS—2 cs, Gustav Martin, American Shipper, Liverpool
FISH LIVERS—1 tub, J A Rich Co, Evangeline, Yarmouth
6 cs, John Nagle Co, Evangeline, Yarmouth
MEAL—2,240 bgs, 224,000 lbs, H J Baker & Bros, Montreal, Yokohama
500 bgs, 50,000 lbs, Ashcraft, Wilkinson Co, Tai Ping Yang, Kobe
GINGER, PRESERVED—21 cs, Tung Hing Lung, President Taft, Hongkong
20 cs, Quong Wah Lung, Tai Ping Yang, Hongkong
ROOT—5 bskts, Quong Wah Lung, Tai Ping Yang, Hongkong
3 cs, Sun Lee Chong, Tai Ping Yang, Hongkong
GLASS, WINDOW—1,529 cs, 134,229 lbs, Quaker City, Hamburg
GLUE, MARINE PITCH—9 dms, L W Ferdinand & Co, American Trader, London
GLUESTOCK, HIDE CUTTINGS—273 bgs, American Shipper, Manchester
232 bgs, 20 tons, 5 cwt, 1 qr, 27 lbs, Scythia, Liverpool
GOLD THREAD—6 bgs, S W Gould & Bros, Evangeline, Yarmouth
GUM, CLEAN—150 bgs, President Taft, Port Said
HASHAB—100 bgs, President Taft, Port Said
INDUSTRIAL—40 bgs, 2 tons, 2 qrts, 24 lbs, J P Marston Co, Scythia, Liverpool
LOCUST BEAN—60 bgs, American Trader, London
40 bgs, 2 tons, 2 qrts, 24 lbs, Scythia, Liverpool
HERBS, DRIED—1 bdl, Foo Sun Co, President Taft, Hongkong
1 cs, Quong Wo Lung, President Taft, Hongkong
INK—3 cs, Tung Hing Lung, President Taft, Hongkong
IRON, OXIDE—20 cks, Joseph A McNulty, American Shipper, Manchester
LYE—5 cs, Tung Hing Lung, President Taft, Hongkong
MEDICINAL PREP—20 cs, Quong Wah Lung, Tai Ping Yang, Hongkong
8 bskts, Sun Lee Chong, Tai Ping Yang, Hongkong
10 cs, 6 bskts, Foo Sun Co, President Taft, Hongkong
1 cs, Quong Wo Lung, President Taft, Hongkong
3 cs, Tung Hing Lung, President Taft, Hongkong
MUSTARD SEED—100 bgs, American Trader, London
MYROBALANS—400 bgs, Guaranty Trust Co, Silveray, Bombay
OIL—1 bbl, Scythia, Liverpool
COD—200 dms, Topeka, Skiensfjorden
200 dms, Topeka, Tromso
100 dms, Balfour, Guthrie & Co, Topeka, Bergen
CODLIVER—6 dms, 1,521 lbs, Quaker City, Hamburg
100 dms, Charles L Huisking, Topeka, Aalesund
350 dms, Topeka, Reykjavik
50 dms, Wilson's Poultry Farm, Topeka, Bergen
300 dms, United Drug Co, Topeka, Bergen
1 bbl, Tailby Nason Co, Topeka, Bergen
FUEL—14,000 bbls, Colonial Beacon Oil Co, Sildra, Aruba
MEDICINAL—2 cs, Tung Hing Lung, President Taft, Hongkong
1 cs, Foo Sun Co, President Taft, Hongkong
OLIVE—50 cs, Catania Importing Co, President Taft, Genoa
100 dms, 100 bbls, Bank of Manhattan, President Taft, Marseilles
PALM—571 tons, Kota Nopan, Belawan-Deli
PEANUT—10 cs, Hong Jan, Tasmania, Hongkong
20 cs, Tung Hing Lung, President Taft, Hongkong
115 cs, Quong Wo Lung, President Taft, Hongkong
10 cs, Sun Lee Chong, President Taft, Shanghai
SESAME—2 cs, Tung Hing Lung, President Taft, Hongkong
TEASEED—200 dms, 92,100 lbs, Melchers Inc, Tasmania, Hongkong
PAINT—12 kgs, 6 cwts, 3 qtrs, Dexter Bros Co, Scythia, Liverpool
PEATMOSS—500 bls, 86,927 lbs, L E Page, Quaker City, Hamburg
700 bls, 130,270 lbs, Peat Import Corp, Quaker City, Hamburg
PETROLEUM, CRUDE—55,724 bbls, 8,388 tons, Colonial Beacon Oil Co, Sildra, Las Piedras
PLUMBAGO—466 bgs, Urbino, Colombo
SALTPETER—454 bgs, 100,089 lbs, Quaker City, Hamburg
SEAWEED—2 bdls, Tung Hing Lung, President Taft, Hongkong
SESAME SEED—5 cs, Tung Hing Lung, President Taft, Hongkong
1 cs, President Taft, Shanghai
3 bgs, Sun Lee Chong, President Taft, Shanghai
SHELLAC, BUTTONLAC—50 cs, Grace National Bank, Levernbank, Calcutta
REFUSELAC—250 bgs, Levernbank, Calcutta
SILICON CARBIDE SIKA—180 cks, American Abrasive Co, Topeka, Skiensfjorden
210 cks, American Abrasive Co, Topeka, Eydehavn
SOAP, TOILET—2 cs, Lever Bros, American Trader, London
35 cs, S S Pierce Co, American Trader, London
STARCH—10 cs, Tung Hing Lung, President Taft, Hongkong
STEARIN—2 bbls, Tailby Nason Co, Topeka, Bergen
TALC—600 bgs, Silveray, Bombay
100 bgs, 22,046 lbs, Charles Mathieu, Birmania, Genoa
TAPIOCA FLOUR—500 bgs, Catz American Co, Steel Seafarer, Batavia
495 bgs, H P Winter & Co, Steel Seafarer, Cheribon
535 bgs, Balfour, Guthrie & Co, Steel Seafarer, Pamanoekan
535 bgs, 113,327 lbs, Balfour, Guthrie & Co, Rhexenor, Pamanoekan
500 bgs, 111,595 lbs, Chase National Bank, Rhexenor, Cheribon
1,633 bgs, 336,499 lbs, National City Bank, Rhexenor, Sourabaya
276 bgs, 55,778 lbs, Merchants National Bank, Rhexenor, Sourabaya
802 bgs, Balfour, Guthrie & Co, Kota Nopan, Pamanoekan
1,102 bgs, Merchants National Bank, Kota Nopan, Pasoeroean
827 bgs, Arnold Hoffman Co, Greystoke Castle, Sourabaya
276 bgs, Brown Bros Harriman & Co, Greystoke Castle, Sourabaya
1,605 bgs, Balfour, Guthrie & Co, Greystoke Castle, Pamanoekan
1,309 bgs, Guaranty Trust Co, Greystoke Castle, Batavia
WOODFLOUR—350 bgs, Burner Co, Topeka, Greaker
300 bgs, B L Soberski, Topeka, Greaker

Boston Transit Imports

FERTILIZER—13 bgs, American Express Co, American Trader, London, for Pittsburgh
MOULDING POWDER—14 crtns, and 9 kgs, Owens Illinois Closure Co, American Trader, London, for Toledo
PAINT—2 cs, American Express Co, American Trader, London, for Chicago

Galveston Imports

SOAP—846 bxs, Seminole, New York

Houston Imports

ACID, CRESYLIC—52 dms, Floride, Hull
155 dms, Western Queen, Liverpool
74 dms, Winnipeg, Antwerp
ALCOHOL—2 cs, Genevieve Lykes, Aguadilla
CHEMICALS—104 pkgs, Blommersdijk, Rotterdam
50 bbls, Nashaba, Bremen
CLEANING COMP—10 cs, Nashaba, Hamburg
COCOA BEANS—30 bgs, Floride, Ciudad Trujillo
COCONUTS—350 cs, Margaret Lykes, Cristobal
CREOSOTE—270 dms, Antverpia, Antwerp
1,250 bgs, Winnipeg, Antwerp
FERROMANGANESE—40 tons, Taurus, Heroen
FULLER'S EARTH—300 bgs, Floride, Antwerp
GLASS, WINDOW—5 cs, Antverpia, Antwerp
3 cs, Nashaba, Hamburg
OIL, CODLIVER—2 dms, Borkum, Hamburg
SOYBEAN—502 tons, Blommersdijk, Rotterdam
PEATMOSS—1,920 lbs, 40 hlf bls, Nashaba, Hamburg
SALTPETER—20 csks, Nashaba, Hamburg
SOAP—5 dms, Floride, Hull
SODA CHLORATE—1,368 dms, Nashaba, Hamburg
SILICOFLUORIDE—80 bbls, Nashaba, Hamburg
TUNGSTEN POWDER—17 dms, Western Queen, Liverpool

Los Angeles Imports

ACID, CRESYLIC—12,900 lbs, Pacific Trader, Bradford
11,180 lbs, Gregalia, Liverpool
STEARIC—22,400 lbs, Gertrude Maersk, Kobe
AMMONIA, PHOSPHATE—259,840 lbs, Rosebank, Trail
ARSENIC POWD—5,500 lbs, San Diego, Antwerp
REFINED—2,200 lbs, Margaret Johnson, Stockholm
BABASSU KERNELS—8,332 bgs, 1,105,270 lbs, Brimanger, Maranhao
1,693 bgs, 223,520 lbs, Brimanger, Parnahyba
2,207,240 lbs, Gregalia, Maranhao
BONE MEAL—220,800 lbs, Ravnsas, Vilvorde, Belgium
CHALK CRUDE—1,560,940 lbs, San Diego, London
CHEMICALS—1,200 lbs, Noshiro, Yokohama
1,040 lbs, Asama, Yokohama
COALTAR CRUDE—5,000 lbs, Gregalia, Hull
COCONUTS—9,750 lbs, San Diego, Solon
COPRA—1,120,000 lbs, Sembilan, Celebes Island
2,143,680 lbs, Golden Tide, Cebu
MEAL—224,000 lbs, Sembilan, Manila
CUMIN SEED—10,800 lbs, From Casablanca
EGG YOLK—4,400 lbs, Asama, Tientsin
FERTILIZER—70,000 lbs, Asama, Kobe
GLASS, ROLLED—21 cs, 11,690 lbs, Gregalia, Liverpool
SHEET—437 pkgs, 31,820 lbs, San Diego, Brussels
30 cs, 7,660 lbs, San Diego, Brussels
28 pkgs, 9,790 lbs, Elba, Prague
WINDOW—5 cs, 1,400 lbs, Rava Naas, Brussels
GUM, COPAL—5,820 lbs, Sembilan, Singapore
11,180 lbs, Sembilan, Macassar
DAMMAR—10,080 lbs, Sembilan, Singapore
HEMPSEED MEAL—80,000 lbs, Tohsei, Kobe
INK, PRINTING—450 lbs, Elbe, Berlin
INSECTICIDE—200 lbs, Asama, Yokohama
LICORICE—1,560 lbs, Margaret Johnson, Gothenburg
LIME, HYDRATED—40,400 lbs, Rosebank, Canada
MEDICINAL PREP'S—70 lbs, Uyo, Yokohama
OIL, CHINAWOOD—63,000 lbs, Asama, Hongkong
CITRONELLA—13,230 lbs, Sembelan, Batavia
COCONUT—2,530 lbs, Silvermaple, Philippine Islands
COTTONSEED—336,000 lbs, Atago, Hankow
111,850 lbs, Brimanger, Santos
111,850 lbs, Brimanger, Sao Paulo
327,770 lbs, Asama, Kobe
HAIR—30 lbs, Asama, Kobe
RICE BRAN—80,000 lbs, Asama, Japan
TEASEED—1,276,800 lbs, Atago, Hankow
22,880 lbs, Gertrude Maersk, Shanghai
WALNUT—47,190 lbs, Asama, Tientsin
PAPRIKA—440 lbs, Damesterdijk, Budapest
PERFUMERY ALC—10 lbs, from Paris
QUICK LIME—30,250 lbs, Rosebank, Canada
SESAME SEED—70 lbs, Gertrude Maersk, Kobe
150 lbs, Uyo, Yokohama
SILVERSAND—336,000 lbs, San Diego, Antwerp
SOAP—2,250 lbs, from London
POWDER—210 lbs, Asama, Yokohama
SOFT—880 lbs, Abraham Lincoln, Oslo
TIOLET—90 lbs, Asama, Kobe
SODA, BICARBONATE—11,200 lbs, Atago, Tokio
CHLORATE—40,000 lbs, Margaret Johnson, Gothenburg
CYANIDE—6,720 lbs, San Jose, Paris
TAPIOCA FLOUR—100,800 lbs, Sembilan, Sourabaya
117,840 lbs, Sembilan, Batavia
SEED—21,800 lbs, Sembilan, Batavia
TOILET PREP'S—10 lbs, Asama, Kobe
TUCUM KERNELS—1,563 bgs, 223,620 lbs, Brimanger, Parnahyba
19,800 lbs, Gregalia, Maranhao

New Orleans Imports

ACID, CRESYLIC—36 dms, American Cyanamid & Chem Co, Winnipeg, Antwerp
BAUXITE ORE—2,525 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
2,155 tons, Republic Mining & Mfg Co, Gunda, Paramaribo
1,290 tons, Republic Mining & Mfg Co, Gunda, Port of Spain
BLUE—20 cs, Aluminum Line, West Camak, Antwerp
VITRIOL—2,750 sx, United Fruit Co, West Camak, Hamburg
CLAY, MUD—6 sx, A Green, Metapan, Havana
COPRA—3,833 tons, Patrick Henry, Cebu
FULLER'S EARTH—750 sx, L A Salomon & Bro, Winnipeg, Antwerp
GLASS, WINDOW—35 cs, West Camak, Hamburg
GUM, CHICLE—20 bls, Chicle Development Co, Gansfjord, Belize
MOLASSES—1,720,000 gls, Commercial Molasses Corp, Gyle, Preston
407,170 gls, North American Trading & Import Co, Winnetou, Boqueron
1,041,642 gls, North American Trading & Import Co, Winnetou, Cienfuegos
1,307,140 gls, Commercial Molasses Corp, Beaufort, Puerto Padre
300,833 gls, Commercial Molasses Corp, Beaufort, Caibarien
OIL, OLIVE—215 cs, 2 dms, Mongioia, Genoa
PEATMOSS—300 bls, Peat Import Corp, West Camak, Bremen
SALTCAKE—401,355 kilos, West Camak, Antwerp
SODA NITRATE—2,250 sx, United Fruit Co, West Camak, Hamburg
TALC—500 sx, Mongioia, Genoa

Norfolk Imports

FERTILIZER—1,538 bls, 99 tons, Black Hawk, Antwerp
NITROGENOUS—5,883 bgs, 498 tons, J C Jett & Co, Black Hawk, Antwerp
GYPSUM, CRUDE—3,000 tons, Swift & Co, Gypsum King, Windsor
3,200 tons, Eastern Fertilizer Corp, Gypsum King, Windsor
ROCK—2,050 tons, F S Royster Guano Co, Ulua, Walton
HOOF & HORN MEAL—1,581 bls, Bilderdijk, Rotterdam
LEATHER MEAL—186 bgs, 5 tons, Black Hawk, Antwerp
SCRAP—219 bls, 25 tons, Black Hawk, Antwerp
715 bgs, Manchester Producer, Manchester
MANGANESE ORE—1,800 tons, Lavino Shipping Co, Mallemak, Santiago
3,400 tons, Lavino Shipping Co, Mallemak, Santiago
OIL, PALM—515 tons, Guaranty Trust Co, Talisse, Cheribon
PEATMOSS—875 bls, 55 tons, City of Newport News, Hamburg
SALTCAKE—1,014 tons, F W Berk & Co, Erviken, Tocopilla
STARCH, CHEM TREATED—200 bgs, Bilderdijk, Rotterdam
TALC—825 bgs, 78 tons, L A Salomon & Bros, Schodack, Havre
TAPIOCA FLOUR—4,005 bgs, Guaranty Trust Co, Talisse, Cheribon

Philadelphia Imports

ACIDS, COCONUT OIL—20 bbls, Black Gull, Rotterdam
CRESYLIC—62 dms, Edam, Rotterdam
SOYBEAN OIL—106 bbls, 2 dms, Black Hawk, Rotterdam
ALCOHOL—1 cs, Barbara, San Juan
BAUXITE—2,000 tons, Aluminum Union, Bjerka, Georgetown, Dem
BONE MEAL—1,680 bgs, T M Duche & Sons, Black Gull, Antwerp
1,000 bgs, Black Gull, Antwerp
CHALK—188 bgs, Frankfurt, Hamburg
CHEMICALS—1 parcel, Black Gull, Rotterdam
125 bbls, Innis Speiden & Co, Black Gull, Antwerp
500 bgs, Black Gull, Antwerp
87 dms, Goldschmidt Corp, Edam, Rotterdam
204 casks, Frankfurt, Bremen
51 casks, J W Hampton, Jr & Co, Frankfurt, Hamburg
CLAY—506 bgs, Frankfurt, Hamburg
COCONUTS—1 bg, Barbara, San Juan
CORK, BITS—372 bls, Armstrong Cork Co, Monfiore, Lisbon
REFUSE—2,966 bls, Armstrong Cork Co, Ada O Sines
1,200 bls, Armstrong Cork Co, Exermont, Seville
2,616 bls, Armstrong Cork Co, Monfiore, Lisbon
SHAVINGS—8,067 bls, Armstrong Cork Co, Monfiore, Terranova, Pausania
VIRGIN—4,045 bls, Armstrong Cork Co, Ada O Sines
1,084 bls, Armstrong Cork Co, Exermont, Seville
556 bls, Armstrong Cork Co, Monfiore, Lisbon
WASTE—3,800 bls, Armstrong Cork Co, Ada O, Lisbon
6,961 bls, Armstrong Cork Co, Ada O, Sines
1,038 bls, Armstrong Cork Co, Exermont, Seville
788 bls, Armstrong Cork Co, Exermont, Marseilles
12,481 bls, Armstrong Cork Co, Monfiore, Lisbon
WOOD—4,077 bls, Armstrong Cork Co, Ada O, Sines
740 bls, Armstrong Cork Co, Monfiore, Lisbon
CUTTLE FISH, BONES—125 cs, E J Keller Co, Inc, Schodack, Bordeaux
DRUGS—1 cs, Sharp & Dohme, Frankfurt, Hamburg
FLINT PEBBLES—183 bgs, Maguire, Inc, Black Gull, Antwerp
2,100 tons, Samso, Stroby Roads
GELATIN POWD—30 bbls, Black Gull, Rotterdam
GLYCERIN—40 dms, L Paster, Schodack, St Nazaire
75 dms, Exermont, Marseilles
20 dms, Black Gull, Antwerp
50 dms, Corn Exchange National Bank, Culberson, Buenos Aires
GREAVE CAKES—618 cakes, Culberson, Buenos Aires
GUM, CHICLE—354 bls, Chicle Development Co, Castilla, Puerto Barrios
GYPSUM, CRUDE—6,150 tons, United States Gypsum Queen, Windsor
LIVERMEAL—200 bgs, Edam, Rotterdam
MACE—17 bgs, Catz American Corp, Silverteak, Macassar
MAGNESITE—100 bgs, Black Gull, Antwerp
CALCINED—605 bgs, Exminster, Salonica
MILK POWDER—50 bgs, Black Gull, Antwerp
MILLET SEED—849 bgs, Culberson, Buenos Aires
MUSTARD SEED—310 bgs, R T French Co, Kurama, Tientsin
NAPHTHALENE—334 bgs, John H Faunce, Black Gull, Rotterdam
1,700 bgs, Barrett Co, Black Gull, Rotterdam
OCHER—1,323 bgs, Reichard Coulston, Exermont, Marseilles
OHTENASHI BEANS—2,000 bgs, Geo W Haxton & Sons, Kurama, Otaru
OIL, COCONUT—300 tons, Philippine Refg Co, Silverteak, Manila
CODLIVER—100 dms, Frankfurt, Hamburg
100 dms, Silmo Chemical Co, Inc, Frankfurt, Hamburg
250 dms, W Fischer Co, Inc, Frankfurt, Hamburg
CORN—11 parcels, Black Gull, Rotterdam
81 dms, Black Gull, Antwerp
75,600 kos, Black Gull, Antwerp
LUBRICATING—70 tons, Socony Vacuum Oil Co, Vaclite, Liverpool
MINERAL—20 dms, Kuhne, Libby & Co, Frankfurt, Hamburg
MUSTARD SEED—50 dms, Otto A C Hagen Corp, Kurama, Kobe
OLIVE—150 cs, Tradesmens National Bank & Trust Co, Exermont, Seville
50 cs, Exermont, Genoa
13 cs, Exermont, Leghorn
SOYBEAN—1 parcel, Balfour, Guthrie & Co, Black Gull, Rotterdam

OSSEIN—391 bgs, Black Gull, Antwerp
PAPRIKA—50 bgs, J K Landenslager, Frankfurt, Hamburg
PEATMOSS—200 bls, Premier Peat Moss Corp, Edam, Rotterdam
50 bgs, F B Vandegritt, Frankfurt, Hamburg
PETROLEUM, CRUDE—73,206 bbls, Gulf Oil Corp, Gulfstar, Las Piedras
84,984 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
91,642 bbls, Atlantic Refining Co, Permian, Las Piedras
PHOSPHATE, PRECIP—250 bgs, H J Baker & Bro, Black Gull, Antwerp
PYRITES ORE—8,319 tons, General Chemical Co, Deebank, Huelva
7,555 tons, General Chemical Co, Induna, Huelva
RICE STARCH—50 bbls, Black Gull, Antwerp
SAND, ILMENITE—6,499 tons, E I duPont de Nemours & Co, Birk, Koilihottam
SHARK MEAL—550 bgs, Black Gull, Antwerp
SODA SILICOFLUORIDE—300 bgs, Frankfurt, Hamburg
STARCH, POTATO—150 bgs, George S Coyne, Corp, Edam, Rotterdam
TALC—300 bgs, Whittaker, Clark & Daniels, Schodack, Bordeaux
TALLOW—195 dms, 226 cs, Culberson, Montevideo
TANKAGE—2,000 bgs, Culberson, Santos
TAPIOCA FLOUR—500 bgs, Chase National Bank, Silverteak, Cheribon
1,569 bgs, Stein, Hall & Co, Inc, Silverteak, Cheribon
TARTAR—39 bgs, Exermont, Marseilles
TITANIUM ORE—250 bgs, Culberson, Santos
ZINC AMMONIA CHLORIDE—22 csks, Black Gull, Antwerp

Portland, Ore., Imports

BLEACHING POWDER—45 dms, Wilson & George Meyer & Co, Oakland, Hamburg
CHEMICALS—10 cks, 10 kegs, Philipp Bauer Co, Oakland, Hamburg
2,000 cns, International Selling Corp, San Pedro, Havre
COLOR, CHEESE—1 dm, Dairy Supply Co, Oakland, Hamburg
COPRA—450 tons, Durkee Famous Foods, Michigan, Dumaguete
1,815 tons, Durkee Famous Foods, Michigan, Cebu
MEAL—3,000 sks, Michigan, Manila
1,500 sks, Snow Brokerage Co, Michigan, Manila
2,400 sks, Procter & Gamble Manufacturing Co, Michigan, Manila
CORKS—3 sks, Mundet Cork Corp, Loch Katrine, Rotterdam
FERROMANGANESE — 100,000 kilos, San Pedro, Antwerp
GLASS, WINDOW—749 cs, U S National Bank of Portland, Oakland, Antwerp
OIL, CODLIVER, MEDICINAL—10 dms, McKesson Pacific Co, Oakland, Hamburg
MINERAL—60 dms, Kuhne Libby Co, Oakland, Hamburg
15 dms, San Pedro, Antwerp
OSSEIN—500 sks, San Pedro, Antwerp
PAPRIKA—30 sks, Wadhams & Co, Oakland, Hamburg
PEATMOSS—200 bls, Peat Import Corp, Oakland, Bremen
POTASH MURIATE—250 sks, First National Bank of Boston, San Pedro, Antwerp
QUASSIA CHIPS—367 sks, Miller Products Co, Loch Katrine, Kingston
2,000 sks, Clifford W Brown, Loch Katrine, Kingston
SHEEP DIP, POWD—50 cs, William Cooper & Nephews, Inc, Loch Monar, London

San Francisco Imports

ACID—1 cs, Maunawili, Honolulu
CITRIC—310 cs, Maunawili, Honolulu
ALCOHOL, ETHYL—3 dms, Maunawili, Honolulu (for Alameda)
AMMONIA CARBONATE—5 dms, 10 cs, Pacific Ranger, Glasgow
SULPHATE NITRATE—10 bgs, Wilson & George Meyer & Co, Elbe, Hamburg
ARGOLS—191 sks, W R Grace & Co, Santa Paula, San Antonio
ARSENIC—150 dms, Wilson & George Meyer & Co, Balboa, Gothenburg
CHEMICALS — 183 dms, Wilson & George Meyer & Co, Elbe, Antwerp
1,000 sks, African Metals Corp, Elbe, Antwerp
CHILLIES—74 sks, Elbe, Hamburg
CINNAMON QUILLS—20 bls, D Hecht & Co, General Lee, Hongkong
CLAY—50 sks, L A Solomon, Jr, Elbe, Hamburg
COCOA BEANS—250 sks, Vandel Commercial Co, Elbe, Cristobal
COCONUT, DESIC—5,340 cs, The Franklin Baker Co, General Lee, Manila
COCONUTS—157 sks, A & P Produce Co, Elbe, Cristobal
GINGER ROOT—35 cs, Maunawili, Hilo
15 cs, General Lee, Hongkong
80 cs, Kwong Yick, Pleasantville, Hongkong
3 cs, Quong Lee & Co, Pleasantville, Hongkong
GLASS, BLOWN—15 cs, H Maran, Elbe, Hamburg
PLATE—23 cs, Brown Bros, Harriman & Co, Elbe, Antwerp
WINDOW—28 cs, R K Davidson, Elbe, Hamburg
505 cs, Smith Glass Co, Elbe, Antwerp (for Oakland)
12 cs, Sam Goodman, Pacific Ranger, Manchester
26 cs, Pacific Ranger, Manchester
GRAPHITE—517 sks, Canada, Copenhagen (for Oakland)
GUM, COPAL—250 sks, Stroock & Wittenberg Corp, General Lee, Manila
50 sks, D Hecht & Co, Pleasantville, Singapore
HONEY—404 cs, Halolo, Honolulu
MARGARIN, VEGETABLE—500 cs, David B Berelson, General Lee, Manila
MEDICINAL PREPS—3 cs, Kwong Yick, General Lee, Hongkong
2 cs, Kwong Yick, Pleasantville, Hongkong
MOLASSES—447 tons, Makua, Ahukini
2,000,000 lbs, Maunawili, Honolulu
OIL, LINSEED—400 dms, Balfour, Guthrie & Co, Elbe, Antwerp
MINERAL—10 dms, Kuhne, Libby Co, Elbe, Hamburg
PALMKERNEL—232,000 kilos, Elbe, Hamburg
PEANUT—10 cs, Kwong Yick, General Lee, Hongkong
160 cs, Kwong Yick, Pleasantville, Hongkong
PEANUT—30 cs, Quong Lee & Co, Pleasantville, Hongkong
PAPRIKA—100 sks, R T French Co, Elbe, Hamburg
PEANUTS—500 sks, Balfour, Guthrie & Co, General Lee, Manila
SHELLED—55 sks, M S Cowen, General Lee, Manila
218 sks, Getz Bros & Co, General Lee, Manila
PEATMOSS—800 bls, Canada, Copenhagen
PEPPER, BLACK—150 sks, D Hecht & Co, General Lee, Hongkong
225 sks, Pleasantville, Oosthaven
POLISH, BOOT—1 cs, Anglo-California National Bank, Pacific Ranger, Manchester
PYRETHRUM FLOWERS—50 bls, S L Jones & Co, General Lee, Hongkong
SALTPETER—182 sks, F W Berk & Co, Elbe, Bremen (for Oakland)
SESAME SEED—150 sks, S L Jones & Co, General Lee, Hongkong
390 sks, D Hecht & Co, General Lee, Hongkong
SODA CHLORATE—500 dms, Balboa, Gothenburg
STARCH—120 cs, Kwong Yick, Pleasantville, Hongkong
100 cs, Quong Lee & Co, Pleasantville, Hongkong
TAPIOCA FLAKE—275 sks, Hoyt, Shepston & Sciaroni, Pleasantville, Sourabaya
WHITING—320 sks, Canada, Copenhagen

Savannah Imports

CHEMICALS—200 carboys, Tulsa, Antwerp
COCOA WASTE—5,778 bgs, Tulsa, Antwerp
FERTILIZER, NITROGENOUS — 4,124 bgs, Tulsa, Antwerp
GLASS, WINDOW—524 cs, Tulsa, Antwerp
OIL, PALM—556 tons, Kota Pinang, Belawan Deli
PETROLEUM, CRUDE—8,537 tons, Bianca, Las Piedras
POTASH MURIATE—924,500 kilos, Tulsa, Antwerp
SALTCAKE—Quantity, Tulsa, Antwerp
SODA NITRATE—3,628,776 kilos, Erocken, Tocopilla

Seattle Imports

ACID, OXALIC—26 cks, Loch Katrine, Rotterdam
AMMONIA NITRATE—150 sks, Balfour, Guthrie & Co, Oakland, Antwerp
CHEMICALS—20 cks, 30 kgs, Philipp Bauer Co, Oakland, Hamburg
DEXTRIN, POTATO—20 sks, Loch Katrine, Rotterdam
OIL, CODLIVER—74 dms, North German Lloyd, Oakland, Bremen
COTTONSEED, REFD — 47 dms, Loch Katrine, Rotterdam
PIMENTO—60 sks, Crescent Mfg Co, Loch Monar, London
POTASH, MURIATE—550 sks, First National Bank of Boston, San Pedro, Antwerp
WATER, MINERAL—50 cs, Loch Katrine, Rotterdam

Exports from U.S. Ports

New York Exports
Clearance Dates

American Farmer, June 4; Aquitania, June 1; Barbarigo, May 25; Berlin, May 28; Black Heron, May 25; Bodnant, May 27; Bretagne, May 22; Britannic, May 28; Cadmus, June 8; California, June 3; Cissy, May 2; City of Fairbury, May 17; City of New York, June 1; Clan Alpine, May 18; Colombia, June 2; Columbus, June 4; Cypria, May 28; Deutschland, May 26; Drottningholm, June 8; Duc Brabant, May 27; Europa, June 1; Exmoor, May 29; Fort Townshend, June 4; Giulia, June 1; Gypsum Empress, June 11; Kermic, June 9; Kinai, May 25; Korsholm, May 22; Kungsholm, June 4; Laconia, June 4; Maasdam, May 28; Macabi, June 7; Munargo, May 15; Musa, May 29; Normandie, June 1; Otto Petersen, May 29; Peten, June 2; Pilsudski, June 1; Platano, May 21; Ponce, May 29; Rheinfels, May 26; Rydboholm, May 29; Sagaporack, May 24; Santa Inez, May 14; Santa Rosa, June 5; Satartia, May 29; Sawokla, June 5; Silverash, June 2; Silverwalnut, May 24; Stavangersfjord, May 25; Tai Shan, May 29; Tercero, May 22; Ulua, June 5; Vaclite, June 9; Vincent, June 5; Vulcania, June 4; Ward, June 7; Waukegan, June 1; Westernland, May 28

ACETONE—12,390 lbs, Sagaporack, Turku; 12,686 lbs, Satartia, Buenos Aires
ACID, ACETIC—12,722 lbs, Tercero, Corral
BORIC—2,015 lbs, Tercero, Buenaventura
CHROMIC, FLAKE — 4,360 lbs, Vincent, Havre
CITRIC—130 lbs, Musa, Porto Barrios
CRESYLIC—40,473 lbs, Tercero, San Antonio
DRY—260 lbs, Britannic, London
MURIATIC—18,500 lbs, Platano, Porto Cortes
OXALIC—1,080 lbs, Cissy, Porto Colombia
PROLIGNEUOS—184 lbs, Vincent, Havre
STEARIC—29,044 lbs, Maasdam, Rotterdam
SULPHURIC—16,542 lbs, Bretagne, Santos
TARTARIC—2,431 lbs. Tercero, Buenaventura; 237 lbs, Musa, Porto Barrios
VANADIC—9,040 lbs, Exmoor, Genoa
ALCOHOL, AMYL—275 gls, Satartia, Santos
DENATURED—1,100 gls, Platano, Porto Barrios
ISOBUTYL—230 gls, Satartia, Santos
AMMONIA ANHYDROUS—2,511 lbs, Platano, Guatemala City
AMYL ACETATE—8,482 lbs, Satartia, Buenos Aires
ASPHALT—19,089 lbs, Silverwalnut, Iloilo; 4,962 lbs, Marshall; 18,285 lbs, Bretagne, Buenos Aires; 11,778 lbs, Ponce, San Jan; (Rheinfels) 473,887 lbs, Port Elizabeth; 965,075 lbs, Port Natal; (City of New York) 7,289 lbs, Port Natal; 186,823 lbs, Beira; 2,385 lbs, American Farmer, London; 12,380 lbs, Rydboholm, Gothenburg
LIQUID—5,734 lbs, Waukegan, Liverpool; 13,257 lbs, Sagaporack, Danzig; 25,481 lbs, Stavangerfjord, Oslo
SOLID—53,399 lbs, Laconia, Liverpool
BAKING POWDER—(Deutschland) 40,300 lbs, Stockholm; 31,925 lbs, Gothenburg
BIOLOGICALS—3,754 lbs, Vulcania, Lisbon
BISMUTH, METALLIC—13,052 lbs, American Farmer, London
BLACK, BONE—6,480 lbs, American Farmer, London
CARBON—8,750 lbs, Barbarigo, Genoa
BLOOD, DRIED—(City of Fairbury) 22,100 lbs, Vupuri; 44,200 lbs, Kotka; 55,200 lbs, Sagaporack, Kotka; 44,584 lbs, Deutschland, Hamburg
BLUE, ULTRAMARINE—1,443 lbs, Tercero, Cadiao
VITRIOL, MONOHYDRATED—222,600 lbs, Cadmus, Tela
CALCIUM CARBIDE—622,800 lbs, Tai Shan, Manila
CHLORIDE—62,226 lbs, Peten, Havana; 36,050 lbs, Ulua, Mazatlan; (Rydboholm) 408,000 lbs, Gothenburg; 750,666 lbs, Stockholm
PHOSPHATE—4,491 lbs, Cypria, Lisbon
CHEMICALS—1,241 lbs, Sagaporack, Helsingborg; 1,950 lbs, City of Fairbury, Copenhagen; 7,304 lbs, Black Heron, Antwerp; 612 lbs, Stavangerfjord, Bergen; 767 lbs, Westernland, Antwerp; 9,090 lbs, American Farmer, London; 12,990 lbs, Vincent, Havre; 1,410 lbs, Rydboholm, Stockholm
CLAY—33,600 lbs, Maasdam, Rotterdam
COCOA BUTTER—23,615 lbs, Otto Petersen, Hull
COLOR—2,983 lbs, Waukegan, Dublin
ANILIN—4,086 lbs, Cissy, Porto Colombia
CORN, FLOUR—35,311 lbs, Silverwalnut, Manila; 22,560 lbs, Tai Shan, Manila
SUGAR—40,700 lbs, Waukegan, Manchester; 42,300 lbs, Kinai, Yokohama; 2,035 lbs, Vincent, Dunkirk
SYRUP—3,765 lbs, Ponce, San Juan; 1,164 lbs, Rheinfels, Port Natal; 6,893 lbs, Musa, Porto Barrios; 705 lbs, City of New York, Port Natal; 752 lbs, Fort Townshend, St Johns
DANDELION ROOT — 2,204 lbs, Barbarigo, Trieste
DEXTRIN—3,059 lbs, Peten, Havana
DICHLORODIFLUOROMETHANE — 8,829 lbs, American Farmer, London
DISINFECTANT, COALTAR—10,496 lbs, Tercero, Buenaventura; 5,464 lbs, Ulua, Cartagena
DYES — 1,845 lbs, Waukegan, Manchester; (Sagaporack) 4,857 lbs, Stockholm; 8,970 lbs, Danzig; (Black Heron) 28,510 lbs, Antwerp; 31,897 lbs, Rotterdam; 2,307 lbs, Kinai, Kobe; 18,749 lbs, Westernland, Antwerp
ERGOT—2,896 lbs, Britannic, London
ETHYL ACETATE—894 lbs, Satartia, Santos
FLUID—2,750 gls, Cissy, Porto Colombia; 660 gls, Barbarigo, Zagreb
ETHYLENE OXIDE — 10,272 lbs, American Farmer, London
GASOLINE — 820 gls, Otto Petersen, London; 8,360 gls, Cypria, Lisbon; (Bodnant) 10,000 gls, Dakar; 20,000 gls, Lagos; 1,650 gls, Sapele; 275 gls, Rheinfels, Capetown
AVIATION—495 gls, Cypria, Marseilles
GLUCOSE, SOLID—6,105 lbs, City of New York, Port Natal
GLUE, DRY—226 lbs, Silverwalnut, Manila
GLYCERIN—2,569 lbs, Tercero, Callao
GREASE, AXLE—2,952 lbs, Munargo, Havana
LUBRICATING—4,872 lbs, Black Heron, Antwerp; (Cypria) 11,616 lbs, Lisbon; 924 lbs, Lobito; 2,994 lbs, Marseilles; 46,010 lbs, Saigon; 16,130 lbs, Haiphong; 2,623 lbs, Stavangerfjord, Oslo; 5,983 lbs, City of Fairbury, Gdynia; 29,926 lbs, Waukegan, Manchester; 138,080 lbs, Otto Petersen, London; 15,266 lbs, Bretagne, Santos; 318,800 lbs, Deutschland, Hamburg; 125,914 lbs, Britannic, London; (Bodnant) 4,840 lbs, Las Palmas; 604 lbs, Bameko; 1,661 lbs, Dakar; 3,657 lbs, Burutu; (Tercero) 6,989 lbs, Buenaventura; 9,270 lbs, Callao; 1,133 lbs, Mollendo; 75,918 lbs, Tocopilla; (Rheinfels) 11,661 lbs, Capetown; 11,996 lbs, East London; 82,785 lbs, Port Natal; 112,227 lbs, Lourenco Marques; 6,793 lbs, Musa, Porto Barrios; (Kinai) 42,319 lbs, Yokohama; 197,320 lbs, Osaka; 46,296 lbs, Kobe; (Satartia) 33,071 lbs, Santos; 33,470 lbs, Buenos Aires; (Sawokla) 66,114 lbs, Karachi; 1,760 lbs, Bombay; 5,834 lbs, Calcutta; 8,224 lbs, Duc Brabant, La Guaira; 1,172 lbs, Cissy, Porto Colombia; 1,805 lbs, Colombia, Kingston; 8,372 lbs, Santa Inez, Valparaiso; (Ulua) 7,908 lbs, Porto Colombia; 4,308 lbs, Kingston; 1,002 lbs, Fort Townshend, St Johns; (City of New York) 7,578 lbs, Port Natal; 22,950 lbs, Lourenco Marqus; 1,204 lbs, Dar Salaam; 16,790 lbs, Mombasa; 4,483 lbs, Silverash, Durban; 70,802 lbs, Vincent, Havre; 324 lbs, Vulcania, Lisbon; (Ward) 40,506 lbs, Manila; 14,285 lbs, Hongkong; (Korsholm) 9,067 lbs, Gothenburg; 1,415 lbs, Stockholm; 28,221 lbs, Abo; 20,653 lbs, Laconia, Liverpool; 51,213 lbs, Giulia, Genoa
GUM MYRRH—2,392 lbs, Vulcania, Trieste
INK, PRINTING—6,844 lbs, Rheinfels, Port Natal; 6,643 lbs, City of New York, Port Natal; 2,948 lbs, Laconia, Liverpool
INSECTICIDE, AGRICULTURAL—22,352 lbs, Tercero, Buenaventura; 939 lbs, Satartia, Buenos Aires; 37,238 lbs, City of New York, Capetown; 970 lbs, Laconia, Liverpool
DRY—1,098 lbs, Stavangerfjord, Bergen
HOUSEHOLD—3,421 lbs, Cypria, Lisbon; 5,400 lbs, City of Fairbury, Helsingfors; 5,706 lbs, Tai Shan, Manila; (Rheinfels) 21,600 lbs, Capetown; 7,800 lbs, Port Elizabeth; 7,200 lbs, East London
LIQUID—8,010 lbs, Deutschland, Istanbul
IODINE, CRUDE—2,000 lbs, Britannic, London
IRON OXIDE—2,639 lbs, Sagaporack, Copenhagen
ISOBUTYL ACETATE—12,479 lbs, Satartia, Santos
ISOPROPYL ACETATE—12,960 lbs, Vincent, Havre
LACQUER—6,420 lbs, Rheinfels, Port Elizabeth; 13,241 lbs, City of New York, East London
THINNER—2,750 gls, Rheinfels, Port Elizabeth; 3,375 gls, Silverash, Durban
LARD—(Waukegan) 14,269 lbs, Manchester; 8,188 lbs, Belfast; 23,438 lbs, Britannic, London; (Ponce) 33,680 lbs, San Juan; 7,600 lbs, Ponce; 5,000 lbs, Aguadilla; 31,500 lbs, Westernland, Southampton; 15,750 lbs, Peten, Havana; 8,025 lbs, Macabi, Banes; 25,600 lbs, American Farmer, London; (Vulcania) 29,512 lbs, Palermo; 55,931 lbs, Trieste; 12,400 lbs, Laconia, Liverpool
LEAD, ARSENATE—7,662 lbs, Tercero, Buenaventura
BLUE—2,363 lbs, Sagaporack, Copenhagen
RED—20,982 lbs, Stavangerfjord, Oslo
LINSEED CAKE—(Black Heron) 2,060,536 lbs, Antwerp; 3,381,228 lbs, Rotterdam; 453,760 lbs, Westernland, Antwerp; 111,980 lbs, Vincent, Havre
MEAL — 112,000 lbs, Stavangerfjord, Trondhjem; 112,200 lbs, Vincent, Havre
MILK POWDER—24,868 lbs, Vincent, Havre
MOLYBDENUM, CONCE — 51,720 lbs, Korsholm, Gothenburg
NAPHTHA—(Rheinfels) 9,350 gls, Capetown; 4,125 gls, Port Elizabeth; 825 gls, East London; 5,125 gls, Port Natal; 16,500 gls, Lourenco Marques; (Clan Alpine) 100,000 gls, Point Galet; 70,000 gls, Port Louis
OCHER—225,522 lbs, Korsholm, Stockholm
OIL, ALMOND—1,410 lbs, American Farmer, London
CASTOR—514 lbs, Stavangerfjord, Oslo
CORN — 249 lbs, Silverwalnut, Hongkong; (Ponce) 4,896 lbs, San Juan; 545 lbs, Arroyo; (Rheinfels) 2,275 lbs, Capetown; 2,550 lbs, Port Elizabeth; 1,072 lbs, Port Natal; 902 lbs, Lourenco Marques; 1,500 lbs, Sawokla, Bombay; 6,515 lbs, City of New York, Lourenco Marques
EDIBLE—(Tercero) 1,058 lbs, Buenaventura; 2,058 lbs, Guayaquil; 2,120 lbs, Platano, Porto Barrios; 1,060 lbs, Musa, Porto Barrios; 2,690 lbs, Ulua, Cartagena; 6,045 lbs, Santa Rosa, Porto Colombia
ESSENTIAL—7,322 lbs, American Farmer, London; 2,289 lbs, Laconia, Liverpool
GAS—(Bodnant) 10,670 gls, Dakar; 1,100 gls, Cape Coast; 4,125 gls, Ada; 49,500 gls, Burutu; 1,650 gls, Sapele; 97,643 gls, Korsholm, Gothenburg
LUBRICATING—(Tercero) 990 gls, Buenaventura; 2,200 gls, Callao; 2,530 gls, Arica; 5,565 gls, Iquique; 63,475 gls, Tocopilla; 2,530 gls, Antofagasta; 1,935 gls, Chanaral; 1,760 gls, Talcahuano; 7,700 gls, Platano, Porto Barrios; (Rheinfels) 2,200 gls, Capetown; 1,815 gls, Port Elizabeth; 715 gls, East London; 7,865 gls, Port Natal; 13,375 gls, Lourenco Marques; 1,100 gls, Mozambique; 440 gls, Beira; (Musa) 2,750 gls, Tela; 6,500 gls, Porto Barrios; (Munargo) 650 gls, Nassau; 6,325 gls, Havana; (Kinai) 13,310 gls, Yokohama; 31,225 gls, Osaka; 21,010 gls, Osaka-Kobe; 7,425 gls, Kobe; (Satartia) 7,400 gls, Buenos Aires; 8,950 gls, Santos; 21,340 gls, Montevideo; 3,906 gls, Buenos Aires; (Silverwalnut) 1,100 gls, Shanghai; 1,100 gls, Tientsin; 40,154 gls, Deutschland, Hamburg; 21,610 gls, Britannic, London; (Bodnant) 8,075 gls, Santa Cruz; 19,030 gls, Las Palmas; 3,550 gls, Freetown; 605 gls, Port Bouet; 8,580 gls, Takoradi; 550 gls, Cape Coast; 5,475 gls, Accra; 1,100 gls, Ada; 850 gls, Cotonou; 8,140 gls, Lagos; 14,925 gls, Burutu; 2,345 gls, Sapele; 1,890 gls, Black Heron, Antwerp; (Cypria) 16,501 gls, Lisbon; 2,966 gls, Lobito; 3,850 gls, Port Bouet; 3,861 gls, Marseilles; 1,375 gls, Saigon; 9,900 gls, Haiphong; 7,770 gls, California, Glasgow; (Stavangerfjord) 2,615 gls, Trondhjem; 840 gls, Narvik; 5,818 gls, Bergen; 55,071 gls, Oslo; (City of Fairbury) 4,725 gls, Gothenburg; 7,710 gls, Stockholm; 1,375 gls, Helsingfors; (Sagaporack) 3,475 gls, Copenhagen; 5,838 gls, Stockholm; 14,700 gls, Waukegan, Manchester; 6,468 gls, Otto Petersen, London; (Maasdam) 1,240 gls, Rotterdam; 16,500 gls, Amsterdam; (Bretagne) 1,060 gls, Santos; 3,965 gls, Rio Grande; 3,025 gls, Buenos Aires; 1,400 gls, Tai Shan, Manila; 29,972 gls, Westernland, Antwerp; (Sawokla) 370,700 gls, Massawa; 42,625 gls, Karachi; 18,150 gls, Bombay; 2,750 gls, Cochin; 22,550 gls, Madras; 131,175 gls, Calcutta; 6,545 gls, Cissy, Porto Colombia; 1,375 gls, Colombia, Kingston; (Santa Inez) 1,100 gls, Coquimbo; 825 gls, Corral; 2,825 gls, Iquique; 835 gls, Fort Montt; 4,190 gls, Buenaventura; 5,775 gls, Callao; 2,200 gls, Antofagasta; 18,785 gls, Valparaiso; 1,925 gls, Peten, Havana; (Clan Alpine) 840 gls, Mossel Bay; 1,680 gls, Port Elizabeth; 2,475 gls, Point Galet; 9,450 gls, Port Louis; (Santa Rosa) 1,690 gls, Porto Colombia; 700 gls, Barranquilla; 1,375 gls, Mazatlan; 8,995 gls, Fort Townshend, St Johns; (City of New York) 3,300 gls, Port Natal; 7,220 gls, Lourenco Marques; 1,870 gls, Beira; 620 gls, Tanga; 2,915 gls, Dar Salaam; 12,470 gls, Mombasa; (Silverash) 10,630 gls, Capetown; 210 gls, Durban; 384,174 gls, Vaclite, Liverpool-London; 30,241 gls, American Farmer, London; 9,870 gls, Vincent, Havre; (Ward) 10,100 gls, Manila; 1,375 gls, Shanghai; 9,875 gls, Hongkong; 1,560 gls, Vulcania, Lisbon; 2,410 gls, Kungsholm, Stockholm; (Korsholm) 5,500 gls, Gothenburg; 990 gls, Stockholm; 1,428 gls, Kalmar; (Barbarigo) 104,512 gls, Genoa; 5,380 gls, Naples; 9,350 gls, Fiume; (Exmoor) 1,890 gls, Genoa; 1,260 gls, Marseilles; (Rydboholm) 3,575 gls, Gothenburg; 5,360 gls, Malmo; 11,160 gls, Stockholm; 2,200 gls, Helsinki; 4,788 gls, Pilsudski, Gdynia; 45,544 gls, Giulia, Genoa; (Drottingholm) 2,500 gls, Gothenburg; 4,950 gls, Malmo; 2,750 gls, Stockholm; 4,200 gls, Laconia, Liverpool
NUTMEG—345 lbs, American Farmer, London
OITICICA—18,334 lbs, Barbarigo, Genoa
OLEO—11,662 lbs, Stavangerfjord, Bergen; 12,013 lbs, California, Glasgow; 12,035 lbs, City of Fairbury, Gothenburg-Copenhagen; 110,145 lbs, Otto Petersen, London; 42,716 lbs. Maasdam, Rotterdam; 54,314 lbs, Westernland, Antwerp; 11,886 lbs, Kungsholm, Gothenburg; 23,785 lbs, Korsholm, Stockholm
PEPPERMINT—325 lbs, Stavangerfjord, Oslo; 419 lbs, Vincent, Havre
PINE—12,005 lbs, Silverwalnut, Manila; 4,813 lbs, Tercero, Chimbote
SASSAFRAS—323 lbs, American Farmer, London
SOYBEAN—7,227 lbs, Peten, Manzanillo
TRANSFORMER—420 gls, Black Heron, Antwerp
PAINT—15,340 lbs, Black Heron, Antwerp; 3,021 lbs, Stavangerfjord, Oslo; 5,379 lbs, Waukegan, Belfast; 15,012 lbs, Tai Shan, Manila; (Silverwalnut) 12,821 lbs, Manila; 6,566 lbs, Shanghai; 6,803 lbs, Ponce, San Juan; 1,821 lbs, Musa, Porto Castilla; 5,662 lbs, Munargo, Nassau; 2,173 lbs, Peten, Limon; 138,003 lbs, Westernland, Antwerp; 4,001 lbs, Ulua, Paita; 32,880 lbs, Clan Alpine, Port Elizabeth; 1,640 lbs, Kungsholm, Gothenburg; 7,205 lbs, Ward, Honolulu
ASPHALT—12,643 lbs, Stavangerfjord, Bergen
ENAMEL—52,163 lbs, City of New York, Port Elizabeth
PREPARED—49,925 lbs, Macabi, Banes; 1,538 lbs, City of New York, Port Natal; 1,538 lbs, Korsholm, Gothenburg
THINNER—24,400 gls, Rheinfels, Port Natal
PARAFFIN—(City of Fairbury) 11,116 lbs, Libau; 11,122 lbs, Gothenburg; 17,622 lbs, Otto Petersen, Gothenburg; 11,114 lbs, Bretagne, Porto Alegre; 378,155 lbs, Deutschland, Hamburg; (Tercero) 221,652 lbs, Guayaquil; 34,108 lbs, Paita; 43,907 lbs, Valparaiso; (Platano) 22,244 lbs, Porto Barrios; 26,206 lbs, Munargo, Havania; 135,610 lbs, Duc Brabant, La Guaira; (Peten) 20,201 lbs, Limon; 74,742 lbs, Havana; 45,220 lbs, Santa Rosa, La Libertad; 124,500 lbs, Silverash, Capetown; (Barbarigo) 242,645 lbs, Genoa; 499,178 lbs, Leghorn; 1,942,323 lbs, Naples; 804,126 lbs, Venice; 404,445 lbs, Exmoor, Genoa; (Rydboholm) 4,439 lbs, Malmo; 33,367 lbs, Stockholm; 22,196 lbs, Laconia, Liverpool
REFINED—22,306 lbs, Cypria, Leixoes; 44,519 lbs, Bodnant, Las Palmas
SCALE—(City of Fairbury) 24,407 lbs, Copenhagen; 22,244 lbs, Helsingfors; 5,179 lbs, Maasdam, Amsterdam; 117,665 lbs, Silverash, Capetown
PENTACETATE—5,190 lbs, Satartia, Santos
PHENOL—2,130 lbs, Vulcania, Lisbon
PINETAR—15,523 lbs, Vincent, Havre
PETROLEUM, REFINED—28,000 gls, Cypria, Lisbon; (Bodnant) 1,000 gls, Port Bouet; 12,150 gls, Cape Coast; 35,000 gls, Accra; 10,500 gls, Ada; 10,000 gls, Ulua, Colon
PITCH—299,878 lbs, Cypria, Marseilles
POTASH BICHROMATE—11,927 lbs, Satartia, Santos; 121,513 lbs, Barbarigo, Trieste
PROPANE—157,211 lbs, Barbarigo, Genoa
RESIN—441 lbs, Westernland, Antwerp
COALTAR—2,272 lbs, Korsholm, Gothenburg
SYNTHETIC—776 lbs, City of Fairbury, Copenhagen; 2,300 lbs, Drottningholm, Stockholm
ROSIN—17,449 lbs, Black Heron, Antwerp; 8,658 lbs, Britannic, London; 7,030 lbs, American Farmer, London; 706 lbs, Korsholm, Gothenburg
SARSAPARILLA ROOT—997 lbs, Deutschland, Hamburg
SOAP—39,000 lbs, Tai Shan, Manila
LAUNDRY—1,566 lbs, Munargo, Nassau
TOILET—18,000 lbs, Stavangerfjord, Oslo
SODA ASH—2,070 lbs, Black Heron, Antwerp; 17,020 lbs, Britannic, London; 11,308 lbs, Tercero, Buenaventura; 36,328 lbs, Satartia, Buenos Aires; (City of New York) 5,912 lbs, Capetown
BICHROMATE—(Tercero) 5,992 lbs, Tocopilla; 24,334 lbs, Valparaiso; 12,077 lbs, Satartia, Buenos Aires
CAUSTIC—(Bretagne) 60,070 lbs, Santos; 89,580 lbs, Buenos Aires; 169,524 lbs, Tai Shan, Shanghai; (Silverwalnut) 10,128 lbs, Manila; 231,029 lbs, Tientsin; 34,787 lbs,

SODA, CAUSTIC (Continued):—
Buenaventura; 7,190 lbs, Platano, Porto Cortez; 127,562 lbs, Munargo, Havana; (Kinai) 345,600 lbs, Yokohama; 344,160 lbs, Osaka; 229,440 lbs, Satartia, Buenos Aires; 36,050 lbs, Santa Rosa, Mazatlan; (City of New York) 13,860 lbs, Capetown; 3,665 lbs, Port Elizabeth; 16,521 lbs, Ward, Manila
CYANIDE—10,080 lbs, Tai Shan, Manila
HYDROSULPHITE—15,115 lbs, Santa Rosa, Porto Colombia
HYPOSULPHITE—5,711 lbs, Peten, Havana
SILICATE — 8,116 lbs, Tercero, Arica; 33,102 lbs, American Farmer, London
SULPHATE — 3,053 lbs, Tercero, Buenaventura
SOLVENTS, COALTAR—2,676 lbs, Stavangerfjord, Bergen
STARCH—2,424 lbs, American Farmer, London
CORN—9,000 lbs, Tai Shan, Manila; (Silverwalnut) 5,339 lbs, Manila; 1,753 lbs, Hongkong; 4,544 lbs, Rheinfels, East London; 1,698 lbs, Musa, Porto Barrios; 2,525 lbs, Vincent, Dunkirk
STRAMONIUM HERBS—625 lbs, Barbarigo, Trieste
LEAVES—1,907 lbs, Vulcania, Trieste; 10,922 lbs, Barbarigo, Trieste
SULPHUR—2,020 lbs, Vulcania, Porto Delgada
FLOTATION—113,800 lbs, Gypsum Empress, Windsor
TALC — 84,162 lbs, Otto Petersen, London; 55,840 lbs, Britannic, London; 20,200 lbs, Peten, Havana; 20,200 lbs, Ulua, Cartagena
TANNING EXTRACT — 810 lbs, California, Glasgow; 7,393 lbs, City of New York, Capetown; 810 lbs, American Farmer, London
TAR—5,560 lbs, Peten, Havana
TREE WASH—5,175 lbs, Rheinfels, Capetown
TURPENTINE — 2,500 gls, Satartia, Buenos Aires; (Tercero) 300 gls, Callao; 1,650 gls, Valparaiso; 1,000 gls, Talcahuano
VARNISH—2,280 lbs, Waukegan, Liverpool; 2,776 lbs, Vincent, Havre
WATERPROOFING COMP—41,297 lbs, Vincent, Havre
WITCH HAZEL EXTRACT—7,440 lbs, Otto Petersen, London

Baltimore Exports

Clearance Dates

Alden Barnes Fietz, June 9; Bilderdijk, June 7; Black Hawk, June 9; City of Baltimore, June 3; Jefferson Myers, June 10; Kwansai, June 7; Lehigh, June 5; Manchester Producer, June 7; Muneric, June 10; San Marcos, June 3; Vingaren, June 4

ACID, CHROMIC—4,400 lbs, Vingaren, Gothenburg; 2,200 lbs, Black Hawk, Rotterdam
ASPHALT, SOLID—256,793 lbs, Manchester Producer, Liverpool
CHALK, PRECIP—40,000 lbs, Manchester Producer, Manchester
ENAMEL WHITING COMP—56 lbs, Lehigh, Manchester
GLASS FRIT, CRSHD—1,000 lbs, City of Baltimore, London; 20,000 lbs, Lehigh, Manchester
GREASE, LUBRICATING—(City of Baltimore) 40,536 lbs, London; 35,000 lbs, Hamburg; 3,932 lbs, Stockholm; 6,830 lbs, Bilderdijk, Rotterdam; (Jefferson Myers) 7,917 lbs, La Libertad, Salvador; 3,814 lbs, Acajutla, Honduras; 2,826 lbs, Cutuco, Salvador
INSECTICIDE—(Kwansai) 5,000 lbs, Osaka; 90 gls, Hongkong; 180 lbs, Cartagena; 240 lbs, Pereira Colombia; 141 lbs, Canal Zone
LINSEED CAKE—100 tons, Black Hawk, Antwerp-Rotterdam
OIL, LUBRICATING — 3,500 gls, Kwansai, Osaka; 260 gls, Bilderdijk, Rotterdam
PAINT—800 lbs, City of Baltimore, London; 100 gls, Black Hawk, Brussels
PARAFFIN — 57,546 lbs, Lehigh, Liverpool; 11,590 lbs, Manchester Producer, Manchester; 34,215 lbs, Black Hawk, Antwerp
POLISH, METAL — 633 lbs, San Marcos, Guayaquil
POTASH BICHROMATE—4,480 lbs, Manchester Producer, Manchester; 33,600 lbs, Bilderdijk, Rotterdam; 11,200 lbs, Black Hawk, Rotterdam
PUTTY—2,200 lbs, City of Baltimore, London
SODA, BICHROMATE—11,200 lbs, Manchester Producer, Manchester; 16,800 lbs, Bilderdijk, Rotterdam
CHROMATE—2,000 lbs, City of Baltimore, Luton
STARCH—55,000 lbs, Vingaren, Gothenburg
SUPERPHOSPHATE — 3,079,380 lbs, Alden Barnes Fiertz, Toronto
TITANIUM LITHOPONE—2,800 lbs, Vingaren, Stockholm
WAX, VEGETABLE—300 lbs, City of Baltimore, Middlesex

Beaumont Exports

Clearance Dates

Albert L Ellsworth, June 2; Nyhol', June 9; Portofino, June 9; Siantar, June 5

OIL, BATCHING—14,669 bbls, Siantar, Calcutta
PETROLEUM, CRUDE—92,016 bbls, Albert L Ellsworth, Montreal; 92,000 bbls, Nyholt, Montreal; 57,400 bbls, Portofino, Havre

Boston Exports

Clearance Dates

Black Condor, June 8; Edam, June 7; Evangeline, June 7, 9, 11; Exochorda, June 8; Manaar, June 7; Nova Scotia, June 7; Saint John, June 8, 10; Samaria, June 6; Silverteak, June 8; Vulcania, June 6

ALUMINA OXIDE—1,730 bgs, 173,000 lbs, Manaar, London
SULPHATE—1,000 bgs, 226,000 lbs, Silverteak, Shanghai; 120 bgs, 16,000 lbs, Evangeline, Kentville, N S
ANIMAL DIP—60 dms, 30,684 lbs, Silverteak, Manila
BAKING POWDER—20 bxs, 7 pls, 880 lbs, Nova Scotia, St John's, N F
CEMENT, LIQ—2 dms, 80 lbs, Nova Scotia, St John's, N F
WATERPROOF—25 dms, 1,200 lbs, Saint John, St John, N B
CLAY—189 bbls, 46,965 lbs, Manaar, London
CLEANING COMP—12 cs, 228 lbs, Nova Scotia, St John's, N F
COCOA WASTE—384 bgs, 54,000 lbs, Black Condor, Amsterdam; 553 bgs, 82,544 lbs, Edam, Amsterdam
CREAM TARTAR—1 ctn, 60 lbs, Nova Scotia, St John's, N F
DIATOMACEOUS EARTH—896 bgs, 44,800 lbs, Manaar, London
DRESSING, LEATHER—3 dms, 144 lbs, Nova Scotia, St John's, N F
GLUE, MARINE—10 crtns, 61 lbs, Evangeline, Halifax
GLUESTOCK, HIDE TRIMMINGS—349 bgs, 36,105 lbs, Edam, Rotterdam
GREASE, LUBRICATING—14 cs, 504 lbs, Nova Scotia, St John's, N F
INK, PRINTING—1 cs, 42 lbs, Samaria, Manchester
WRITING—3 pkgs, Nova Scotia, St John's, N F
LARD—1 dm, 150 lbs, Vulcania, Naples
LINING COMP—(Black Condor) 5 dms, 2,383 lbs, Leeuwarden; 2 dms, 954 lbs, Utrecht; 2 dms, 928 lbs, Delft
MARJORAM LEAVES—40 bgs, 4,321 lbs, Exochorda, Marseilles
MEDICINAL PREP'S—(Nova Scotia) 7 cs, 540 lbs, Bell Island, N F; 2 cs, 106 lbs, St John's, N F; 561 bxs, 2,805 gls, Manaar, London
MOLASSES—90 bbls, 4,950 gls, Edam, Rotterdam
OIL, LUBRICATING—1 cs, 20 gls, Manaar, London; 25 crtns, 150 gls, Evangeline, Digby, N S
MEDICINAL—5 bxs, 15 gls, Nova Scotia, St John's, N F
WATCH—3 bxs, 63 lbs, Manaar, London
WATER WHITE—50 bbls, 2,750 gls, Nova Scotia, St John's, N F
PASTE, ADHES—1 pkg, 64 lbs, Nova Scotia, St John's, N F
PITCH, MARINE GLUE—7 tins, 105 lbs, Evangeline, Halifax
POLISH, SHOE—4 crtns, 64 lbs, Nova Scotia, St John's, N F
STOVE—60 cs, 1,933 lbs, Saint John, St John, N B
ROSIN, NEUTRAL—3 dms, 1,200 lbs, Vulcania, Haifa
SAND, FOUNDRY—1 car, 74,000 lbs, Nova Scotia, St John's, N F
SILICON CARBIDE—2 bxs, 26 kegs, 8,731 lbs, Manaar, London
SOAP, HAND—50 cr ns, 1,500 lbs, Nova Scotia, St John's, N F
MEDICATED—2 crtns, 63 lbs, Nova Scotia, St John's, N F
SODA PHOSPHATE—5 kegs, 500 lbs, Saint John, St John, N B
SOLDER SALTS—1 dm, 135 lbs, Black Condor, Leeuwarden
STAIN, WOOD—4 dms, 20 gls, Saint John, Fredericton, N B
SUBMARINE LIQUID—11 dms, 618 gls, Nova Scotia, St John's, N F
SULPHUR, DUSTING—300 bgs, 30,000 lbs, Evangeline, Kentville, N S
TALC—1 crtn, 36 lbs, Nova Scotia, St John's, N F
TOILET PREP'S—1 cs, 56 lbs, Nova Scotia, Bell Island, N F
VARNISH—6 cs, 60 gls, Nova Scotia, St John's, N F

Corpus Christi Exports

Clearance Dates

Slelia Campanella, May 24; Henry Deprez, May 30; Ferm, May 29; Maja, May 29; Omphale, May 27; Voco, June 3

OIL, GAS—32,713 bbls, Clelia Campanella, Gibraltar; 50,094 bbls, Voco, Lands End
PETROLEUM, CRUDE—62,983 bbls, Omphalo, Donges; 86,427 bbls, Maja, Curacao; 69,102 bbls, Ferm, Trieste; 108,727 bbls, Henry Desprez, Havre

Galveston Exports

Clearance Dates

Anna Sofie, June 5; Erlangen, June 7; Kota Pinang, June 7; Margaret Lykes, June 4; Recorder, June 5; Taurus, June 5; Yorkmoor, June 3; Winnipeg, June 8

BLACK, CARBON—(Recorder) 33 tons, Liverpool; 50 tons, Manchester; (Taurus) 50 cs, Gothenburg; 75 cs, Gdynia; (Erlangen) 15 cs, Brisbane; 5,740 bgs, 73 cs, Sydney; 15 cs, 4,030 bgs, Melbourne
SALT—50 tons, Margaret Lykes, Havana
SULPHUR—(Yorkmoor) 5,000 tons, Sorel; 2,000 tons, Montreal; (Winnipeg) 500 tons, Rouen; 1,000 tons, Dunkirk; (Taurus) 30 tons, Gothenburg; 90 tons, Copenhagen; 20 tons, Gdynia; 4,700 tons, Anna Sofie, Botwood; (Erlangen) 2,240 bgs, Sydney; 350 tons, Adelaide; 650 tons, Wallaroo; 2,500 tons, Kota Pinang, Balik Papan

Houston Exports

Clearance Dates

Blommersdyk, June 7; Carina, June 8; Daghild, June 7; Filefjell, June 2; Gorm, June 7; Margaret Lykes, June 3; Oiltrader, June 7; Recorder, June 4; Stigstad, June 2; Sveve, June 3; Taurus, June 4; Western Queen, June 5; Westmoreland, June 2; Winnipeg, June 8

ASPHALT—10 dms, Taurus, Copenhagen
BLACK, CARBON—12,750 bgs, 150 cs, Westmoreland, Genoa; (Recorder) 3,575 bgs, Liverpool; 925 bgs, 25 cs, Manchester; 20,234 bgs, 25 cs, Liverpool-Manchester; (Taurus) 5 cs, Oslo; 422 cs, Gothenburg; 90 cs, Copenhagen; 155 cs, Gdynia; (Western Queen) 740 cs, 17,000 bgs, Havre; 75 cs, Ghent; 160 cs, 3,800 bgs, Antwerp; 50 cs, 300 bgs, Antwerp-Ghent; 647 cs Rotterdam; 100 cs, Gorm, Copenhagen; (Blommersdyk) 216 tons, London; 9 tons, Bristol; 5 tons, Hull; 1 ton, Antwerp; 50 tons, Rotterdam; 1 ton, Calcutta; 1 ton, Bombay; 2 tons, Amsterdam; 100 tons, Winnipeg, Havre
GASOLINE—78,823 bbls, Sveve, London
LUBRICANTS—(Taurus) 213 pkgs, Oslo; 112 pkgs, Copenhagen
OIL—30 tons, Winnipeg, Havre
GAS—8,000 tons, Stigstad, Rotterdam; (Filefjell) 6,500 tons, Amsterdam; 4,000 tons, United Kingdom; 8,500 tons, Oiltrader, Hamburg; 73,500 lbs, Daghild, Copenhagen
LUBRICATING—(Western Queen) 65 bbls, Havre; 20 bbls, Antwerp
PETROLEUM, CRUDE—9,400 tons, Corina, Venice

Lake Charles Exports

Clearance Dates

Rapana, June 3; Western Queen, May 29

ROSIN—103 dms, Western Queen, Rotterdam
PETROLEUM, CRUDE—89,180 bbls, Rapana, Montreal

Los Angeles Exports

Clearance Dates

Abraham Lincoln, June 1; Albertolite, June 4; Argyll, June 6; Charlas, May 24; Corabank, June 2; Ferncastle, May 29; Harold Brovic, June 2; Kingsley, May 28; Leiv Eiriksson, June 1; Monterey, May 26; President Hoover, May 24; President Monroe, May 31; Rochelle, May 24; Santa Paula, May 29; Saparoea, May 24; Schwaben, May 27; Siamese Prince, May 28; Solheim, June 3; Titanium, May 27; Toorak, June 6; Villanger, May 30; Waiotysu, June 1; West Notus, May 24

ACID, BORIC—100 bgs, 11,200 lbs, President Hoover, Yokohama; (Tokai) 100 bgs, 11,200 lbs, Yokohama; 102 bgs, 11,250 lbs, Osaka; 20 bgs, 2,240 lbs, Monterey, Auckland
CITRIC—560 lbs, President Hoover, Manila
NITRIC—270 lbs, Santa Paula, Mazatlan
ASPHALT—4 dms, 1,830 lbs, Tokai, Tokio
LIQUID—1,720 lbs, President Hoover, Osaka
BORATE—5,100 bgs, 537,340 lbs, Villanger, Rotterdam; (Schwaben) 11,756 bgs, 1,986,470 lbs, Bremen; 10,592 bgs, 1,819,510 lbs, Hamburg
BORAX—2,000 bgs, 224,000 lbs, Schwaben, Rotterdam; 1,580 bgs, 176,960 lbs, Siamese Prince, Shanghai; 600 bgs, 67,200 lbs, Saparoea, Calcutta; 2,600 bgs, 290,400 lbs, Tokai, Osaka; 100 bgs, 11,200 lbs, President Monroe, Bombay
CLAY, FILTER—40 sx, 2,000 lbs, Kingsley, Vancouver; 1,000 sx, 50,000 lbs, West Notus, Buenos Aires
GROUND—40 sx, 6,000 lbs, Saparoea, Rangoon; 1,000 bgs, 100,800 lbs, President Monroe, Al Khobar
GASOLINE—37,048 bbls, 9,669,530 lbs, Toorak, Yokohama
GREASE, LUBRICATING—13 cs, 510 lbs, Saparoea, Sourabaya
INFUSORIAL EARTH—118 bgs, 11,200 lbs, Schwaben, Hamburg; 560 bgs, 56,000 lbs, Saparoea, Calcutta
KEROSENE DISTILLATE—5,886 bbls, 1,659,850 lbs, Siamese Prince, Hongkong
LACQUER—630 lbs, President Hoover, Shanghai; (Saparoea) 2,000 cs, Cebu; 3,000 cs, Manila
MINERAL SPTS—50 dms, 16,760 lbs, West Notus, Buenos Aires
OIL, CASTOR—840 lbs, President Hoover, Hongkong
DIESEL—3,084 bbls, 962,210 lbs, Ferncastle, Vladivostok; 2,518 bbls, 785,620 lbs, Charcas, Coquimbo; 46,730 bbls, 14,579,760 lbs, Solheim, Osaka; 22,035 bbls, 6,874,920 lbs, Harold Brovic, Dairen; 2,376 bbls, 741,310 lbs, Waiotapu, Papeete; 15,631 bbls, 4,876,870 lbs, Toorak, Cebu-Manila
ESSENTIAL—140 lbs, President Hoover, Manila
FUEL—2,500 bbls, 832,500 lbs, Siamese Prince, Manila; 93,736 bbls, 31,214,090 lbs, Leiv Eiriksson, Tocopilla; 34,579 bbls, 11,514,810 lbs, Solheim, Osaka; 7,540 bbls, 2,510,820 lbs, Kingsley, Vancouver; 23,766 bbls, 7,914,080 lbs, Argyll, Santa Rosalia
LUBRICATING—(Saparoea) 49 oz, 2 dms, 6,060 lbs, Medan; 80 cs, 18 dms, 11,490 lbs, Sourabaya; 24 cs, 2,400 lbs, Batavia; 60 pls, 32 dms, 17,930 lbs, Monterey, Auckland
ORANGE, DIST—140 lbs, Monterey, Wellington
PINE—6,320 lbs, Tokai, Yokohama
PAINT, PREPARED—5,000 lbs, Santa Paula, Balboa
PECTIN, LIQ—2,250 lbs, Rochelle, Vancouver
PETROLEUM—37,455 bbls, 12,472,520 lbs, Toorak, Cebu-Manila
CRUDE—63,325 bbls, 19,577,400 lbs, Albertolite, Ioco
POTASH, MURIATE—3,000 bgs, 661,380 lbs, President Hoover, Kobe; (Titanian) 20,476 bgs, 1,940,050 lbs, Moji; 77,024 bgs, 10,361,620 lbs, Yokohama; 30,876 bgs, 4,232,830 lbs, Kobe; 1,334 bgs, 220,460 lbs, Tokai, Moji; 1,500 bgs, 168,000 lbs President Monroe, Osaka
SILICATE—600 bgs, 65,540 lbs, West Notus, Buenos Aires
SCOURING COMP—4,240 lbs, President Hoover, Hongkong; 5,250 lbs, Santa Paula, Cristobal
SOAP POWDER—3,790 lbs, Kingsley, Vancouver
SODA, CAUSTIC—300 cs, 15,150 lbs, President Hoover, Manila
TALC—120 bgs, 12,000 lbs, Santa Paula, Catacaos
TOILET PREPS—(President Hoover) 1,300 lbs, Shanghai; 200 lbs, Colombo; 1,100 lbs, Tokai, Tokio; 5,100 lbs, West Notus, Buenos Aires; 300 lbs, Santa Paula, Panama City; 1,000 lbs, President Monroe, Bombay; (Monterey) 500 lbs, Christchurch; 600 lbs, Auckland
TURPENTINE—1,280 lbs, Monterey, Auckland
SPIRITS—5,870 lbs, Monterey, Auckland

Mobile Exports

Clearance Date

Austvangen, June 7

PINETAR—12 dms, Austvangen, Georgetown
ROSIN, GUM—50 bbls, Austvangen, Kingston

New Orleans Exports

Clearance Dates

Austvangen, June 5; Cefalu, May 18; Ceiba, May 20; Chemnitz, May 29; Contessa, May 11; Elmsport, June 4; Morazan, May 13; 27; Nordvangen, May 27; Recca, June 8; Virginia, May 10; Wawa, May 12, 19, 29; West Cohas, June 3; West Tacook, June 4

ASPHALT—6 dms, Nordvangen, La Guaira; 34 tons, West Tacook, Manchester; 59 bbls, 95 sx, Recca, Marseilles; 124 dms, Virginia, Vera Cruz; 124 dms, Morazan, Vera Cruz
BARYTES—1,000 sx, Contessa, Havana
BLACK, CARBON—(Chemnitz) 74 cs, Bremen; 302 cs, 441 sx, Hamburg; 30 cs, Bremen-Hamburg; opt; 9 cs, Bremen-Hamburg; 5 tons, Elmsport, Hamburg; 50 tons, West Cohas, Glasgow; (West Tacook) 1 ton, Liverpool; 4 tons, Manchester; 50 tons, Liverpool-Manchester
CALCIUM CHLORIDE — 20 dms, Virginia, Tampico
PHOSPHATE—10 bbls, Ceiba, Tampico
CARBON BISULPHIDE — 70 dms, Virginia, Tampico
CATTLE HOOFS—34 tons, Elmsport, Hamburg
CHEMICAL COMP—30 cs, Nordvangen, La Guaira
COALTAR—8 dms, Cefalu, Puntarenas; 5 dms, Wawa, Alvaro Obregon
DISINFECTANT—5 dms, 29 cs, Virginia, Vera Cruz; 120 dms, Morazan, Vera Cruz
DISTILLATE—50 dms, Contessa, Ceiba
DRESSING, LEATHER — 5 tons, Virginia, Vera Cruz
FIRECLAY—10 dms, Austvangen, Port of Spain; 50 sx, Nordvangen, Ciudad Trujillo
FULLER'S EARTH—50 sx, Cefalu, Havana; 1,115 sx, Ceiba, Tampico
GASOLINE—12 dms, Wawa, Alvaro Obregon
GREASE, LUBRICATING—17 dms, Austvangen, Pointe a Pitre; 5 dms, 12 cs, Ceiba, Tampico; 15 dms, Virginia, Vera Cruz
GYPSUM—1 ton, Ceiba, Vera Cruz
KEROSENE—(Cefalu) 5 dms, Puerto Cabezas; 8 dms, Ceiba; (Nordvangen) 50 cs, Willemstad; 75 cs, Moengo; 50 cs, Contessa, Puerto Cabezas; 12 dms, Wawa, Alvaro Obregon
LARD—(Cefalu) 150 tins, Havana; 15 crts, Puerto Cabezas; (Nordvangen) 150 cs, Port au Prince; 300 tins, La Guaira; 135 crts, Austvangen, Port of Spain; 600 tins, Ceiba, Tampico; 750 tins, Morazan, Vera Cruz
LICORICE MASS—1 ton, Morazan, Vera Cruz
LIME—50 sx, Cefalu, Ceiba
LYE—18 tons, Virginia, Tampico
MANGANESE ORE—4 tons, Morazan, Vera Cruz; 2 tons, Virginia, Vera Cruz
OIL, FUEL—1,900 bbls, Contessa, Ceiba; 600 bbls, Wawa, Alvaro Obregon
LINSEED—5 dms, Wawa, Alvaro Obregon
LUBRICATING — 14 dms, Cefalu, Puerto Cabezas; 648 bbls, 50 dms, Recca, Marseilles; 330 bbls, Chemnitz, Hamburg; 100 dms, Contessa, Valparaiso; 32 tons, Elmsport, Hamburg; 64 tons, West Tacook, Liverpool; 5 dms, Austvangen, Pointe a Pitre; 10 dms, Wawa, Alvaro Obregon; 32 dms, Ceiba, Tampico
MOTOR—6 bbls, Virginia, Tampico
PINE—150 dms, Cefalu, Chanaral
PARAFFIN—180 tons, Elmsport, Hamburg; 10 tons, West Tacook, Liverpool
PAINT—17 cs, Austvangen, Fort de France
LIQUID—24 ctns, Nordvangen, Willemstad
PASTE — 140 kegs, Nordvangen, Ciudad Trujillo
PINETAR—5 dms, Nordvangen, Willemstad; 17 tons, West Tacook, Liverpool; 8 dms, Morazan, Vera Cruz
ROSIN—10 dms, Nordvangen, Willemstad
GUM—10 bbls, Nordvangen, Port of Spain
SOAP—250 ctns, Cefalu, Puerto Cabezas
SODA SULPHATE—30 bbls, Ceiba, Tampico
STARCH, CORN—31 tons, West Tacook, Manchester
SULPHUR—534 sks, Virginia, Vera Cruz
CRUDE—4,073 sks, Nordvangen, Port of Spain
REFINED—1,019 sks, Nordvangen, Port of Spain
TANNING EXTRACT—22 tons, Ceiba, Vera Cruz; 299 sks, Morazan, Vera Cruz
TOBACCO EXTRACT — 39 bbls, Chemnitz, Bremen
TRIPOLI—(Chemnitz) 62 sks, Bremen; 154 sks, Hamburg
WATERPROOFING COMP—20 dms, Nordvangen, Port of Spain
WAX, MINERAL—27 tons, West Tacook, Manchester

Norfolk Exports

Clearance Dates

Blankaholm, June 8; Lehigh, June 8; Manchester Exporter, June 10; Toronto City, June 7

CLAY—1,544 bgs, 77,972 lbs, Manchester Producer, Manchester
GLUCOSE, BLEACHED—35 bbls, 26,811 lbs, Lehigh, Manchester
MICA, GROUND—200 bgs, 20,000 lbs, Manchester Producer, Manchester
PULVERIZED—50 bgs, 5,050 lbs, Lehigh, Dublin
POTASH MURIATE—5,000 bgs, 496 tons, Blankaholm, Stockholm
SILICA, GRD—210 bgs, 47,040 lbs, Manchester Exporter, Manchester
STARCH—160 bgs, 22,640 lbs, Lehigh, Manchester
TANNING EXTRACT—840 bbls, 503,416 lbs, Manchester Exporter, Liverpool; 400 bbls, 236,010 lbs, Toronto City, Bristol; 625 bbls, 371,854 lbs, Lehigh, Liverpool

Philadelphia Exports

Clearance Dates

Black Hawk, June 5; Blankaholm, June 7; Chemnitz, June 5; City of Bagdad, June 4; City of Eastbourne, June 10; Giulia, June 4; Gretavale, June 10; Jefferson Myers, June 5; New Brunswick, June 8; Steel Navigator, June 2; The Angeles, June 9

ACID, CHROMIC—1 bx, Steel Navigator, Tientsin
MURIATIC—1 crby, Steel Navigator, Tientsin
PHOSPHORIC—16 bbls, Blankaholm, Stockholm
SULPHURIC — 2 crbys, Steel Navigator, Tientsin
ASPHALT, PETROLEUM—8 dms, City of Bagdad, Sydney
BLACK, BONE—52 pkgs, City of Bagdad, Sydney
LAMP—5 cs, Jefferson Myers, Cristobal
CEMENT, FIBER—1 dm, Black Hawk, Antwerp
GASKET—64 ctns, City of Bagdad, Melbourne; (City of Eastbourne) 20 cs, Cairo; 8 cs, Penang; 27 cs, Colombo
LINOLEUM—2 cs, The Angeles, Santos
RUBBER—1 dm, Chemnitz, Buchanest
CHEMICALS—1 bx, Steel Navigator, Tientsin
CLEANING COMP—1 bx, Chemnitz, Koln-Braunsfeld; 60 ctns, City of Eastbourne, Penang
CYANIDE, CRUDE—6 dms, City of Bagdad, Sydney
DRUGS—4 bbls, Chemnitz, Hamburg; 1 bbl, 1 kg, The Angeles, Santos
DYEWOOD EXTRACT—8 bbls, 1 dm, The Angeles, Rio de Janeiro
ETHER—1 bx, Steel Navigator, Tientsin
ETHYL FLUID—50 dms, Chemnitz, Prague
GASOLINE—(Chemnitz) 5 cs, Hungary; 1 bbl, Kolin; (New Brunswick) 2,500 cs, Dakar; 1,750 cs, 100 dms, Bissao; 2,000 cs, Conakry; 5,500 cs, Lagos; 6,000 cs, Port Harcourt; 500 cs, Calabar; 1,000 cs, Kribe; 1,500 cs, Duala; 2,000 cs, Port Bouet; 1,600 cs, Takoradi; 730 cs, Saltpond; 1,250 cs, Accra; 1,000 cs, Lome
GREASE, LUBRICATING—(City of Bagdad) 6 dms, 36 pkgs, Sydney; 1 pkg, Melbourne; 7 pkgs, Adelaide; 116 pkgs, 1 bx, Steel Navigator, Manila; 1 cs, Giulia, Malta; 30 cs, 1 dm, Chemnitz, Hamburg; (New Brunswick) 55 cs, Dakar; 5 cs, Bissao; 30 cs, 15 dms, Port Bouet; 10 dms, Accra; (City of Eastbourne) 1 cs, Colombo; 5 dms, Bombay; (Jefferson Myers) 80 cs, Lima; 15 cs, Bucaramanga; 1 pl, Black Hawk, Antwerp; 2 dms, Chemnitz, Bucharest; 4 bbls, Blankaholm, Abo; 3 dms, The Angeles, Buenos Aires
INSECTICIDE—38 ctns, Steel Navigator, Manila; (City of Eastbourne) 144 ctns, Penang; 14 bbls, 2 dms, Baghdad
LEAD SUBACETATE—6 bxs, Steel Navigator, Iloilo
LICORICE MASS—5 cs, City of Eastbourne, Alexandria; 5 cs, Blankaholm, Malmo
MANGANESE ORE CONCE—7 bbls, City of Eastbourne, Bombay
MEDICINAL PREPS—(City of Eastbourne) 3 bxs, Colombo; 1 cs, Calcutta
MINERAL SPTS—(New Brunswick) 50 cs, Dakar; 10 dms, Bissao; 4 dms, Jefferson Myers, Alajuela
OIL, FUEL—150 dms, New Brunswick, Port Bouet
ILLUMINATING—(New Brunswick) 900 cs, Dakar; 500 cs, 20 dms, Bissao; 1,000 cs, Lagos; 2,500 dms, Port Harcourt; 500 cs, Calabar; 1,000 cs, Kribe; 1,000 cs, Duala; 900 cs, Port Bouet; 40 cs, Takoradi; 300 cs, Saltpond; 30 cs, Accra
LUBRICATING—(City of Bagdad) 46 pkgs, 24 dms, Sydney; 1,584 pkgs, 120 bbls, 59 dms, Melbourne; 522 pkgs, Adelaide; 15 pkgs, Port Pirie; 30 pkgs, Launceston; 13 dms, 1 crate, Steel Navigator, Manila;

OIL, LUBRICATING (Continued):—
(Giulia) 86 dms, Naples; 2,227 pkgs, 10 bbls, Genoa; 67 cs, 2 bbls, Malta; 362 bbls, Chemnitz, Hamburg; (Gretavale) 240 pkgs, 150 ctns, 30 bbls, Lisbon; 320 pkgs, Loanda; 105 dms, 50 dms, 250 cs, 76 pkgs, Casablanca; 20 pkgs, Gibraltar; 30 pkgs, Port Bouet; 37 pkgs, 150 bbls, Marseilles; 188 pkgs, Haiphong; (New Brunswick) 183 pkgs, Teneriffe; 72 dms, 455 cs, 155 pkgs, Dakar; 15 cs, Bissao; 5 cs, Conakry; 2 pkgs, Freetown; 18 pkgs, Grand Lahou; 35 pkgs, Port Harcourt; 1 cs, Sherbro; 175 pkgs, 1 cs, Duala; 44 pkgs, Apapa; 134 pkgs, 120 dms, 232 cs, Port Bouet; 135 pkgs, 24 dms, 1 cs, Accra; 25 pkgs, 20 cs, Lome; (City of Eastbourne) 14 ctns, Penang; 3 dms, 176 pkgs, Colombo; 90 dms, 1,515 pkgs, Calcutta; 1 cs, Baroda; 159 dms, 6,679 pkgs, Karachi; 248 pkgs, Port Said; 2,041 pkgs, Rangoon; 175 dms, 8 cs, 175 pkgs, Bombay; 335 pkgs, Madras; (Jefferson Myers) 60 cs, Lima; 10 dms, Callao; 5 dms, Alajuela; 20 cs, 10 dms, San Jose; 28 dms, 2 cs, Bucaramanga; 20 dms, Medellin; 3 bbls, Puerto Colombo; 5 dms, Black Hawk, Antwerp; (Chemnitz) 5 dms, Bucharest; 384 tons, Hamburg; (Blankaholm) 13 dms, 10 dms, 35 dms, 225 pkgs, Gothenburg; 3 dms, 10 pkgs, Norrkoping; 94 dms, Stockholm; (The Angeles) 15 dms, Rio de Janeiro; 270 cs, 65 dms, Santos; 55 dms, Buenos Aires
PAINT—12 ctns, City of Bagdad, Melbourne; 5 dms, Black Hawk, Antwerp; 4 cs, 2 dms, Chemnitz, Bucharest
PARAFFIN—42 bbls, Chemnitz, Hamburg; (Gretavale) 91 bbls, Lisbon; 75 bbls, Oporto; 83 bbls, Blankaholm, Stugsund
REFINED—22 bgs, Chemnitz, Bremen; (City of Eastbourne) 102 bgs, Tuticorin; 102 bgs, Rangoon; 153 bgs, The Angeles, Buenos Aires
POLISH, AUTO—90 ctns, City of Bagdad, Melbourne; (City of Eastbourne) 30 ctns, Penang; 1 cs, Colombo
FURNITURE—18 ctns, Steel Navigator, Manila
METAL—18 ctns, City of Bagdad, Melbourne
RADIATOR FLUSH—8 ctns, City of Bagdad, Melbourne
RUBBING COMP—1 bbl, 4 cs, City of Eastbourne, Colombo
SHELLAC, GASKET—40 cs, City of Eastbourne, Colombo
SODA ASH—1 dm, City of Bagdad, Sydney; 2 dms, Blankaholm, Stockholm
SOLDER, RADIATOR—13 ctns, City of Bagdad, Melbourne
TANNING EXTRACT—8 bbls, City of Bagdad, Sydney
TURPENTINE—8 ctns, Steel Navigator, Manila
VARNISH—3 cs, City of Bagdad, Sydney
WAX—43 ctns, Steel Navigator, Manila

Port Arthur Exports
Clearance Dates

Alynbank, May 28; Athos, May 29; Blommersdijk, June 1; Daghild, June 5; Dungannon, May 30; Eglantine, May 29; Margaret Lykes, June 1; Meline, May 31; Nausicaa, June 5; Roanoke, June 1; Velma Lykes, June 3

ASPHALT — (Alynbank) 4,226 dms, 60 cs, Capetown; 4,100 dms, Port Elizabeth; 700 dms, 25 cs, East London; 50 dms, 91 cs, Durban; 85 dms, 73 cs, Mombasa; 5,470 dms, Lourenco Marques; 149 dms, 50 cs, Beira; 1,311 dms, 13 cs, Athos, Antwerp; 752 dms, 3 bbls, Blommersdijk, Rotterdam
PETROLEUM—4,230 dms, Eglantine, London
BENZOL—1,189 bbls, Roanoke, Amsterdam
CLEANING COMP—(Alynbank) 10 cs, Capetown; 70 cs, Mombasa; 10 cs, Lourenco Marques; 10 cs, Beira
GASOLINE—(Alynbank) 350 cs, 40 dms, Port Elizabeth; 500 cs, 200 dms, East London; 3,000 cs, Lourenco Marques; 3,000 cs, Beira; (Athos) 56,018 bbls, Antwerp; 33,699 bbls, Thameshaven; 68,363 bbls, Roanoke, Amsterdam
GREASE, LUBRICATING — (Alynbank) 195 dms, 450 cs, 320 pls, Capetown; 195 dms, 90 cs, Port Elizabeth; 190 dms, 515 cs, 100 pls, East London; 495 dms, 745 cs, 530 pls, Durban; 10 bbls, 520 dms, 480 cs, 30 pls, Mombasa; 550 dms, 575 cs, 18 pls, Lourenco Marques; 735 dms, 385 cs, 80 pls, Beira; 122 bbls, 117 dms, 63 cs, Athos, Antwerp; 33 dms, 368 ctgs, 263 cs, Blommersdijk, Rotterdam; (Margaret Lykes) 1 dm, Cristobal; 1 cs, Colon; 40 dms, Antofagasta; 22 cs, Amapala; (Velma Lykes) 15 dms, La Guaira; 15 dms, San Pedro de Macoris
KEROSENE—(Athos) 10 dms, Antwerp; 7,792 bbls, Thameshaven
OIL, DIESEL—(Alynbank) 200 dms, Capetown; 750 dms, Port Elizabeth; 200 dms, East London; 500 dms, Lourenco Marques; 1,000 dms, Beira; 2,534 bbls, Athos, Antwerp
FUEL—44,480 bbls, Dungannon, Antwerp
GAS—14,022 bbls, Dungannon, Antwerp
LUBRICATING—(Alynbank) 1,055 dms, 1,785 cs, Capetown; 70 dms, 1,205 cs, Port Elizabeth; 725 dms, 1,620 cs, East London; 2,455 dms, 2,375 cs, Durban; 1,945 dms, 2,030 cs, Mombasa; 3,070 dms, 9,125 cs, Lourenco Marques; 267 dms, 55 bbls, Athos, Antwerp; 2,131 dms, Dungannon, Antwerp; 221 dms, 45 cs, 41 bbls, Blommeradijk, Rotterdam; 1,626 dms, Roanoke, Amsterdam; (Margaret Lykes) 16 dms, 5 cs, Cristobal; 5 dms, 4 cs, Colon; 20 cs, Antofagasta; 10 dms, Puerto Colombia; 10 dms, Corinto; 25 dms, Amapala; (Velma Lykes) 95 dms, 25 cs, La Guaira; 5 dms, Maracaibo; 10 dms, Ciudad Trujillo; 5 dms, San Pedro de Macoris; 22,962 bbls, 300 dms, Daghild, Copenhagen
PARAFFIN—(Alynbank) 10 cs, Durban; 10 cs, 30 bgs, Mombasa; 10 cs, Beira; 2 bbls, 12 cs, Blommersdijk, Rotterdam; 1,019 bgs, Roanoke, Amsterdam
PETROLEUM, CRUDE — 76,219 bbls, Meline, Bordeaux; 50,066 bbls, Nausicaa, Naples
SOLVENT, CLEANING—25 cs, Alynbank, Port Elizabeth

San Francisco Exports
Clearance Dates

Atago, June 4; Beranger, May 29; General Lee, May 29; Kingsley, June 3; Leme, June 4; President Hoover, May 29; Saparoea, June 1; Selma City, May 29; Skrim, June 3; Talamanca, June 4; Waiotapu, May 29

ACETYLENE GAS—3 cyls, Skrim, Champerico
ACID, ACETIC—2 cs, Skrim, Amapala
BORIC—25 kgs, 5 bbls, President Hoover, Manila
MURIATIC—1 cs, Skrim, La Union
NITRIC—1 cs, Skrim, La Union
SULPHURIC—2 cs, Waiotapu, Papeete
TARTARIC—10 kgs, President Hoover, Manila; 20 kgs, Skrim, Mexico
ALCOHOL—1 dm, 3 cans, Waiotapu, Papeete
DENATURED—2 cans, Waiotapu, Papeete
AMMONIA, ANHYDR — 46 cyls, President Hoover, Shanghai
SULPHATE—100 sks, Skrim, Corinto
ANISE—(Skrim) 1 sk, Puntarenas; 5 sks, Corinto; 1 sk, Santa Rosa
APRICOT KERNELS—15 sks, Beranger, Holland
ASPHALT — 205 dms, Waiotapu, Papeete; (President Hoover) 1,544 dms, Shanghai; 100 dms, Manila; 150 bbls, Hongkong; (Saparoea) 3,960 bbls, Batavia-Samarang-Sourabaya-Cheribon-Medan; 1,000 bbls, Batavia-Sourabaya-Samarang; 2,537 bbls, 8 cs, Singapore-Penang-Port Swettenham; 1,200 dms, Manila; 6 dms, Deli; 1,000 dms, Calcutta; (Skrim) 35 dms, Puntarenas; 660 dms, Manzanillo
SOLID—2 tons, Talamanca, Panama
BLACK, CARBON—1 cs, President Hoover, Hongkong
BOILER COMP—4 dms, President Hoover, Manila
BONE ASH—(Skrim) 3 dms, Corinto; 3 bbls, La Union
BONEMEAL — 315 sks, President Hoover, Shanghai
BORAX—4 cs, President Hoover, Shanghai; (Skrim) 5 cs, La Union; 20 cs, San Juan del Sur
CALCIMINE—44 kgs, President Hoover, Manila
CALCIUM, HYPOCHLORIDE — 102 dms, Skrim, Manzanillo
CANARY SEED—15 sks, President Hoover, Shanghai
CARBON BISULPHIDE—12 dms, Skrim, San Juan del Sur
CARBONIC GAS—9 cyls, Waiotapu, Papeete
CEMENT, FLOOR COVERING—5 cs, Saparoea, Rangoon
LIQUID—(Saparoea) 4 dms, Batavia; 2 dms, Sourabaya
ROOF—4 bbls, Talamanca, Panama
CHLORINE BLEACH, LIQ—26 cs, Waiotapu, Papeete; 2 cs, President Hoover, Tientsin
CINNAMON—(Skrim) 35 bls, Corinto; 6 bls, Amapala; 4 bls, Santa Rosa; 9 bls, Puntarenas; 10 bls, San Juan del Sur; 6 bls, La Libertad
CLEANER—1 cs, Waiotapu, Papeete; 4 cs, President Hoover, Bangkok
GLASS—2 cs, President Hoover, Bangkok
CLEANING COMP—10 pls, Selma City, England; 2 dms, Kingsley, Vancouver
CLOVES—(Skrim) 6 sks, Corinto; 1 sk, San Juan del Sur
COALTAR—(Skrim) 7 dms, La Union; 20 dms, Santa Ana
MINERAL—1 dm, Skrim, Champerico
COCOA BEANS—200 sks, President Hoover, Yokohama
COLORS, DRY—(Kingsley) 1 kg, Vancouver; 2 bbls, Victoria; (Skrim) 52 cs, 6 bbls, Puntarenas; 10 bbls, Manzanillo; 16 cs, Talamanca, Panama
COPRA—812 sks, Leme, Turkey
CREAM TARTAR—40 kgs, Skrim, Manzanillo; 160 kgs, President Hoover, Shanghai
CREOSOTE—2 dms, Skrim, Amapala
CUMIN SEED—(Skrim) 16 sks, Corinto; 30 sks, Amapala; 1 sk, Santa Rosa
DENTIFRICES — (President Hoover) 5 cs, Tientsin; 20 cs, Hongkong; 35 cs, Manila
DRESSING, AUTO-TOP—2 cs President Hoover, Bangkok
SHOE—1 cs, Waiotapu, Papeete; 3 cs, President Hoover, Shanghai
ENAMEL—1 cs, Waiotapu, Papeete; (Skrim) 1 cs, Mexico City; 33 pls, Mexico
EPSOM SALT—400 sks, Skrim, La Paz; 1 cs, Waiotapu, Papeete
FIRECLAY—700 sks, Kingsley, Vancouver
FLY SPRAY—2 cs, Waiotapu, Papeete; 10 cs, President Hoover, Bangkok; (Saparoea) 2 cs, Calcutta; 2 dms, 5 cs, Sourabaya-Samarang-Batavia
GAS, COMPRESSED—2 tanks, Waiotapu, Papeete
GASOLINE—4,500 cs, 50 dms, Waoitapu, Papeete; (Skrim) 10 dms, Champerico; 500 cs, Corinto; 25 dms, San Jose de Guatemala
GERMICIDE—1 dm, President Hoover, Bangkok
GELATIN—1 bbl, President Hoover, Hongkong
GINSENG—8 bbls, President Hoover, Hongkong
GLASS, BORAX—5 cs, Skrim, La Union
BROKEN — 50,000 lbs, President Hoover, Hongkong
GLUE, DRY—6 cs, President Hoover, Manila
GLYCERIN—1 dm, Skrim, Puntarenas
GREASE, AXLE—1 cs, Waiotapu, Papeete
LUBRICATING—2 kgs, Waoitapu, Papeete; (President Hoover) 24 cs, 20 dms, Manila; 83 dms, Hongkong; 2 bbls, Bangkok; (Saparoea) 5 dms, Singapore; 16 dms, 40 cs, 16 half dms, Sourabaya-Samarang-Batavia; 1 pl, 2 cs, Rangoon; 1 dm, Kingsley, Vancouver; 1 dm, Skrim, Puntarenas; 2 dms, Atago, Paita
GUM, ACACIA—2 cs, President Hoover, Hongkong
GYPSUM, CAL—40 sks, President Hoover, Manila
HOPS—5 cs, General Lee, Yokohama
HYDROGEN GAS—3 cyls, Waoitapu, Papeete
PEROXIDE—20 cs, 1 bbl, Kingsley, Vancouver
INK—1 cs, Waiotapu, Papeete
PRINTING — (President Hoover) 9 pls, 20 dms, 3 cs, Shanghai; 25 bbls, 2 kgs, Hongkong; 22 pls, 15 kgs, 21 cs, 20 half dms, President Hoover, Manila; 5 bbls, Kingsley, Vancouver
WRITING—16 cs, President Hoover, Manila
INSECTICIDE, LIQ—10 bbls, Kingsley, Vancouver
KEROSENE—2,100 cs, Waoitapu, Papeete; 150 cs, Skrim, Puntarenas
LACQUER—60 pls, President Hoover, Shanghai; (Skrim) 95 pls, Mexico City; 10 pls, Guadalajara
THINNER—(Skrim) 1 pl, Mexico City; 1 dm, Guadalajara
LEAD, ACETATE—1 dm, Skrim, La Union
RED—50 kgs, President Hoover, Manila; 4 bbls, Skrim, Manzanillo
RED, DRY—16 kgs, Skrim, La Union
SULPHATE—1 bbl, Skrim, Manzanillo
WHITE—75 kgs, President Hoover, Manila
WHITE, DRY—14 bbls, Skrim, Manzanillo
LITHARGE—5 pls, Skrim, La Union
MAGNESIA—24 cs, Kingsley, Vancouver
MEDICINAL PREPS—7 cs, President Hoover, Dairen
MINERAL SPTS—10 cs, 9 dms, Skrim, Puntarenas
NITROCELLULOSE—2 dms, Kingsley, Victoria
NUTMEGS—3 sks, Skrim, La Libertad
OIL—1 cs, Waiotapu, Papeete; 1 cs, President Hoover, Manila
BATCHING—7,843 bbls, Saparoea, Calcutta
CHINAWOOD—10 dms, Atago, Manzanillo
COCONUT—1 cs, 2 bbls, Waoitapu, Papeete; 3 cs, Kingsley, Victoria
COTTONSEED—(President Hoover) 150 dms, Shimidzu; 150 dms, Yokohama
CYLINDER — (President Hoover) 3 dms, Hongkong; 15 dms, Saparoea, Sourabaya-Samarang-Batavia
DIESEL—(Skrim) 50 dms, Tres Rios; 60 dms, Amapala
FISH—(Skrim) 200 sks, Amapala; 75 sks, Puntarenas
FUEL—1 dm, Saparoea, Calcutta
LINSEED—15 cs, 12 kgs, Waoitapu, Papeete; 1 cs, Skrim, Amapala
LUBRICATING—13 cs, 45 dms, Waoitapu, Papeete; (President Hoover) 399 dms, 25 cs, Hongkong; 1 cs, 100 dms, Shanghai; 90 dms, 60 cs, Bangkok; 310 dms, 33 cs, Manila; 500 bbls, Kobe; (Saparoea) 75 dms, Cebu; 155 dms, Iloilo; 450 dms, Penang; 150 dms, Port Swettenham; 250 dms, Manila; 325 dms, Singapore; 1,835 dms, Calcutta; 70 dms, Batavia; 236 dms, Rangoon; 1 dm, Karachi; 65 dms, Singapore-Port Swettenham-Penang; 162 dms, 5 cs, 6 qtr dms, Sourabaya-Samarang-Batavia; 20 dms, Macassar; (Skrim) 3 dms, Champerico; 390 cs, 125 pls, 8 dms, Mazatlan; 25 dms, Atago, Paita
MACHINE—1 pkg, Wapama, Papeete
MIRBANE—4 dms, Skrim, San Juan del Sur
OLIVE—3 dms, Talamanca, Panama
PETROLEUM—(President Hoover) 100 bbls, Yokohama; 1 cs, 200 bbls, Shanghai; 200 bbls, Kobe; 5 dms, Papeete, Port Swettenham; (Saparoea) 1 cs, Calcutta; 300 cs, Rangoon; 1,000 cs, Skrim, Corinto
SALAD—100 dms, President Hoover, Yokohama
TRANSFORMER—1 cs, President Hoover, Tientsin
PAINT—3 kgs, 2 pls, 45 cs, Waoitapu, Papeete; (President Hoover) 51 cs, 35 kgs, Manila; 10 kgs, Yokohama; (Saparoea) 69 cs, Cebu; 7 pls, Samarang; 11 cs, 46 pls, Calcutta; (Skrim) 1 dm, 338 pls, Mexico City; 154 pls, 123 cs, 1 dm, Puntarenas; 103 pls, Mexico; 39 cs, 1 pl, Talamanca, Panama
LIQUID—493 cs, 110 kgs, President Hoover, Manila
PASTE—1 cs, Waiotapu, Papeete
PREPARED—19 cs, Waiotapu, Papeete; 2 dms, Skrim, Champerico; 4 kgs, Skrim, Amapala; 17 cs, President Hoover, Manila
SHOW CARD—11 cs, President Hoover, Manila
THINNER—10 dms, 25 cs, Saparoea, Singapore
PASTE, ADHES — 1 dm, President Hoover, Osaka
STATIONER'S—3 cs, President Hoover, Manila
PEPPER, BLACK—(Skrim) 24 sks, Corinto; 8 sks, Amapala; 2 sks, Santa Rosa; 1 sk, Puntarenas; 5 sks, San Juan del Sur
POLISH, AUTO—(President Hoover) 1 cs, Manila; 2 cs, Bangkok
SHOE—(President Hoover) 1 cs, Tientsin; 6 cs, Manila
POTASH AMYL XANTHATE—10 dms, Talamanca, Taltal
PUTTY—2 cs, Waoitapu, Papeete
PYRETHRUM FLOWERS, POWD — 1 bbl, Kingsley, Vancouver
QUICKLIME—1,000 dms, Skrim, San Juan del Sur
ROCHELLE SALT—10 kgs, President Hoover, Manila
SALT—20 bls, 286 pkgs, 120 sks, Waoitapu, Papeete; 20 cs, Saparoea, Batavia; 960 cs, 2,080 sks, Kingsley, Vancouver
IODIZED—240 cs, Kingsley, Vancouver
SHELLAC, GUM—5 bbls, Kingsley, Victoria
SOAP—10 cs, Waiotapu, Papeete
LAUNDRY—950 cs, President Hoover, Manila
SCOURING—3 cs, Waoitapu, Papeete; 6 cs, Skrim, Corinto
TOILET—11 cs, Waoitapu, Papeete; (President Hoover) 22 cs, Yunnanfu; 720 cs, Shanghai; 659 cs, Hongkong; 1 cs, Manila
SODA—125 cs, President Hoover, Hongkong
ASH—5 sks, 4 bbls, Waoitapu, Papeete; 4 bbls, Saparoea, Manila; (Skrim) 1 bbl, La Union; 20 sks, San Juan del Sur
BICARBONATE—2 bbls, Skrim, La Union
CAUSTIC — 33 dms, Waoitapu, Papeete; (Skrim) 7 dms, Puntarenas; 10 dms, San Juan del Sur; 2 dms, San Miguel
HYPOSULPHATE—1 kg, Waiotapu, Papeete
SILICATE — 130 dms, 22 bbls, 1,015 sks, Kingsley, Vancouver
SOLDER FLUX — 1 cs, President Hoover, Hongkong
SOLVENT — 1 cs, Saparoea, Singapore-Port Swettenham-Penang
BATHROOM—10 cs, Saparoea, Cebu
SULPHUR—20 bbls, President Hoover, Manila; (Skrim) 15 sks, 2 bbls, Corinto; 20 sks, La Union
TALC—20 sks, Waoitapu, Papeete; 60 sks, Skrim, Corinto
TOILET PREPS — 3 cs, Waiotapu, Papeete; (President Hoover) 1 cs, Manila; 10 cs, Tokio; 3 cs, Yokohama; (Saparoea) 4 cs, Manila; 2 crts, Palembang; 49 pkgs, Samarang
VARNISH—6 cs, Waiotapu, Papeete; (President Hoover, 4 cs, Manila; 1 pl, Shanghai; 5 pls, 1 dm, Skrim, Mexico City
INSULATING—1 cs, President Hoover, Manila
STAIN—1 cs, Waiotapu, Papeete
THINNER—1 dm, Skrim, Mexico City
WATER, MINERAL—500 cs, President Hoover, Manila; 10 cs, Kingsley, Vancouver
WAX, POLISHING—1 cs, Waiotapu, Papeete; (Saparoea) 7 cs, Calcutta; 1 cs, Singapore-Port Swettenham-Penang
ZINC DUST—(Skrim) 20 cs, La Union; 71 cs, Amapala

Savannah Exports
Clearance Dates

Port Adelaide, June 7; Tatra, June 12

CLAY—45 bgs, Port Adelaide, Melbourne
DRUGS—5 pkgs, Tatra, Havana
METHANOL—10 dms, Tatra, Havana
OIL, PINE—(Port Adelaide) 3 dms, Adelaide; 9 dms, Melbourne
PINETAR—10 dms, Port Adelaide, Melbourne; 20 dms, Tatra, Havana
ROSIN, GUM—(Port Adelaide) 1,202 bbls, Melbourne; 215 bbls, Brisbane; 2,421 bbls, Sydney; 145 bbls, Adelaide; 124 bbls, Fremantle; (Tatra) 1,189 bbls, Havana; 25 bbls, Santiago
WOOD—(Port Adelaide) 80 bbls, Adelaide; 5 bbls, Melbourne
TURPENTINE, GUM—(Port Adelaide) 510 cs, 75 pls, 70 dms, Brisbane; 1,800 cs, 25 pls, 535 dms, Sydney; 10 pls, 50 dms, Lyttleton; 50 cs, 10 pls, 5 dms, Auckland; 50 cs, 10 pls, 5 dms, Wellington; 10 cs, Wanganui; 1,130 cs, 250 pls, 253 dms, Melbourne; 50 cs, 10 pls, 11 dms, Dunedin; 20 pls, 3 dms, Adelaide; 340 cs, 25 pls, 48 dms, Fremantle; 25 cs, Perth
SPIRITS—42 dms, Tatra, Havana
WOOD—(Port Adelaide) 3 dms, 20 pls, Adelaide; 10 dms, 265 pls, Brisbane; 238 dms, 750 pls, Sydney; 18 dms, 275 pls, Melbourne

Tampa Exports
Clearance Dates

Beloit, June 2; Bockenheim, June 7; Cardonia, May 29; General Tosta, June 2; Luossa, May 29; Maloa, June 2; Marion Cutter, June 4; Mongioia, June 4; Vestvangen, May 27

GASOLINE—10 dms, Beloit, Belize; 2 bbls, Maloa, Belize; 1 dm, General Tosta, Belize; 23 dms, Marion Cutter, Belize
PAINT—12,131 lbs, Vestvangen, Port of Spain
PASTE—1 bbl, Vestvangen, Port of Spain
PHOSPHATE—(Mongioia) 1,000 tons, Genoa; 1,500 tons, Spezia; (Bockenheim) 3,290 tons, Hamburg; 4,501 tons, Rotterdam; 2,627 tons, Cardonia, Pernis; 7,854 tons, Luossa, Hamburg
CRUDE—1 ton, Bockenheim, Rotterdam
WATERPROOFING COMP—2 ctns, Vestvangen, Port of Spain

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—79,407 bbls, C J Barkdull, Baytown; 72,304 bbls, C A Canfield, Baytown
OIL, FUEL—49,644 bbls, Halsey, New York
HEATING—68,056 bbls, Edward L Doheny, Baytown
PETROLEUM, CRUDE—30,001 bbls, Federal, Houston; 62,710 bbls, Beta, Texas City; 104,495 bbls, F Q Barstow, Baytown; 22,848 bbls, Halsey, New York; 65,964 bbls, Franklin K Lane, Baytown; 71,072 bbls, M F Elliot, Baytown; 77,210 bbls, George H Jones, Baytown; 63,118 bbls, Hadnot, Baytown

Houston Coast Trade

GASOLINE—55,000 bbls, Brandywine, Los Angeles

Los Angeles Coast Trade

GASOLINE—68,000 bbls, Camden, Seattle; 37,629 bbls, Deroche, Seattle; 4,710 bbls, S & C No 2, San Diego; 4,233 bbls, S & C No 41, San Diego; 41,365 bbls, Warwick, Oleum; 73,079 bbls, Agwiworld, San Francisco; 5,379 bbls, S & C No 2, San Diego; 51,938 bbls, Lebec, Seattle
OIL, DIESEL—7,000 bbls, Camden, Seattle; 30,887 bbls, Deroche, Seattle; 393 bbls, S & C No 2, San Diego; 10,990 bbls, Agwiworld, San Francisco; 17,215 bbls, Lebec, Seattle; 17,494 bbls, Kekoskee, Seattle
FUEL—2,500 bbls, Coast Trader, Portland; 65,000 bbls, Antietam, Portland; 19,099 bbls, Lake Miraflores, Tacoma; 49,756 bbls, Torres, San Francisco; 63,890 bbls, Frank G Drum, Seattle; 38,000 bbls, S O Barge No 95, Richmond; 9,096 bbls, Texada, Seattle; 65,189 bbls, La Brea, Portland; 7,362 bbls, Lebec, Seattle; 2,033 bbls, Scotia, Eureka; 33,604 bbls, Kekoskee, Seattle; 2,307 bbls, Coast Shipper, Portland
FURNACE—5,848 bbls, Deroche, Seattle; 1,484 bbls, Warwick, Oleum; 5,802 bbls, Lebec, Seattle
PETROLEUM, CRUDE — 73,464 bbls, Los Angeles, Oleum; 80,018 bbls, Montebello, Oleum

San Francisco Coast Trade

ALCOHOL, GRAPE—100 dms, Santa Paula, New York
ALUMINA SULPHATE—600 sks, Munami, Portland, Ore
APRICOT KERNELS—18 tons, Montanan, New York
ASPHALT—93 dms, Wallingford, Seattle
BLUE VITRIOL—64 bbls, Peter Helms, Seattle
200 bbls, Wallingford, Seattle
BONE MEAL—25 tons, Celilo, Los Angeles
CARBON DIOXIDE GAS—250 cyls, Nevadan, Tacoma
CASEIN—23 tons, Montanan, Boston
CHEMICALS—2 cs, Nevadan, Seattle
DRY—2 dms, Nevadan, Seattle
CHLORINE BLEACH, LIQUID—1,000 cs, Floridian, Charleston
112 tons, San Anselmo, Baltimore
COCONUT, DESIC—34 tons, San Anselmo, Savannah
CRACKLINGS—500 sks, Munami, Portland, Ore
EPSOM SALT—20 tons, Celilo, Los Angeles
GREASE, LUBRIC—55 tons, Sidney M Hauptman, Brooklyn
GUM, VARNISH—11 tons, Montanan, Philadelphia
HONEY—89 tons, Montanan, New York
11 tons, Montanan, Port Newark
INSECTICIDE—11 tons, Montanan, Port Newark
DRY—20 cs, Nevadan, Tacoma
LACQUER—1 cs, Nevadan, Seattle
LARD SUBSTITUTE—6 tons, Robert Luckenbach, New York
80 dms, Munami, Portland, Ore
LIME—1,200 sks, Munami, Portland, Ore
LITHOPONE—200 sks, Nevadan, Tacoma
MAGNESITE—48 tons, Robert Luckenbach, New York
MAGNESIA CARBONATE—14 tons Montanan, Port Newark
MILK POWDER—16 tons, Montanan, New York
20 tons, Floridian, Baltimore
20 tons, San Anselmo, Baltimore
OIL—37 tons, Coast Merchant, Bellingham
2,600 pkgs, Munami, Willbridge
70 dms, Wallingford, Seattle
2,500 pkgs, Wallingford, Point Wells
78 tons, Sidney M Hauptman, Brooklyn
LINSEED—16 tons, Montanan, Port Newark
LUBRICATING—20 tons, Montanan, Port Newark
152 dms, Santa Paula, New York
208 tons, Celilo, Los Angeles
PERILLA—40 tons, Montanan, Philadelphia
PAINT—15 tons, Celilo, Los Angeles
REDUCING COMP—16 tons, Robert Luckenbach, Philadelphia
PHOTO SUPPLIES—13 cs, Nevadan, Seattle
POLISHING COMP—7 cs, Nevadan, Seattle
POTASH, MURIATE—350 sks, Coast Merchant, Seattle
QUICKSILVER—468 flasks, Santa Paula, New York
SALT—3,400 pkgs, Peter Helms, Olympia
1,200 pkgs, Peter Helms, Tacoma
4,000 pkgs, Peter Helms, Seattle
2,000 pkgs, West Shipper, Portland, Ore
68 tons, Coast Merchant, Bellingham
3,000 pkgs, Wallingford, Seattle
500 pkgs, Wallingford, Tacoma
SHELLAC—50 sks, Celilo, Los Angeles
SOAP—2,500 cs, Munami, Portland, Ore
SODA, CHLORATE—500 dms, Munami, Portland, Ore
HYPOSULPHITE—2 cs, Nevadan, Seattle
SILICATE—500 sks, Coast Merchant, Seattle
200 sks, Nevadan, Tacoma
19 tons, Celilo, Los Angeles
42 dms, Wallingford, Seattle
SULPHITE—1 dm, Nevadan, Seattle
SPRAY, TREE—400 dms, Peter Helms, Seattle
135 dms, West Shipper, Portland, Ore
240 dms, West Cape, Seattle
600 dms, Wallingford, Seattle
TALLOW—21 tons, San Anselmo, Jacksonville
TOBACCO DUST—14 tons, San Anselmo, Norfolk
WAX, REFD—846 sks, Wallingford, Seattle

Cargo Ship Arrivals

June 12 to June 25

New York

Amagisan	Singapore*	June 24
Amapala	La Ceiba	June 25
Amazone	Maracaibo*	June 14
American	Astoria*	June 16
American Merchant	London	June 21
American Shipper	Liverpool*	June 14
American Trader	London*	June 14
Ancon	Cristobal*	June 21
Ary Lensen	Alexandria*	June 16
Atlantida	La Ceiba	June 18
Bajamar	London*	June 18
Berlin	Bremen*	June 21
Birmania	Trieste*	June 15
Birmingham City	Honolulu*	June 14
Black Falcon	Rotterdam*	June 16
Black Heron	Antwerp*	June 20
Blask Osprey	Antwerp*	June 17
Bordeaux	Kobe*	June 22
Borinquen	Trujillo*	June 21
Britannic	Havre*	June 21
British Prince	Vancouver*	June 19
Buenaventura	Port au Prince*	June 14
Calamares	Santa Marta*	June 16
Caledonia	Glasgow*	June 21
Calmar	Portland*	June 24
Caracas	Curacao*	June 21
Chastine Maersk	Manila*	June 24
Chelyuskinets	Odessa*	June 20
Cirgalese Prince	Batavia*	June 25
Coamo	Trujillo*	June 14
Collamer	Bordeaux	June 23
Colombia	Cristobal*	June 21
Culberson	Buenos Aires*	June 17
Emilia	San Juan	June 21
Excalibur	Beirut*	June 23
Fernbrook	Manila*	June 19
Fort Amherst	St Pierre*	June 24
Fort Townshend	St Pierre*	June 17
Foylebank	Shanghai*	June 20
Franconia	Liverpool*	June 21
Fredhem	La Plata	June 20
Gerolstein	Antwerp	June 17
Hanley	Olympia*	June 25
Heimgar	Progreso*	June 25
Henry D Whiton	Aberdeen*	June 22
Horace Luckenbach	Portland*	June 25
Jean Jadot	Antwerp	June 21
Jeff Davis	Adelaide*	June 21
Kentuckian	Astoria*	June 24
Kentucky	Oslo*	June 18
Kiyokawa	Yokohama*	June 25
Kiyosumi	Manila*	June 18
Kota Nopan	Macassar*	June 14
Lewis Luckenbach	Seattle*	June 25
Lillian Luckenbach	Portland*	June 21
Manuela	San Juan*	June 15
Marna	Valparaiso*	June 16
Martinique	Aux Cayes*	June 19
Mauna Loa	Honolulu*	June 24
Medea	Puerto Cabello*	June 21
Mindon	Rosario*	June 24
Montanan	Bellingham*	June 20
Munargo	Havana*	June 24
Musa	Puerto Barrios*	June 24
Newsome	Baracoa	June 15
Nordbryn	Huelva	June 19
Northern Prince	Buenos Aires*	June 23
Oriente	Havana	June 18
Orizaba	Vera Cruz*	June 22
Otho	Kribi*	June 24
Paraguayo	Santos*	June 14
Paris	Havre*	June 23
Pastores	Cristobal*	June 14
Penrith Castle	Manila*	June 23
Peten	Port Limon*	June 20
Phemius	Batavia*	June 24
Pilsudski	Gdynia*	June 22
Platano	Puerto Barrios*	June 17
Ponce	San Juan	June 15
Porta	Rosario*	June 23
President Polk	Manila*	June 15
Queen Mary	Southampton*	June 21
Rex	Genoa*	June 24
Roma	Genoa*	June 22
San Angelo	Astoria*	June 17
San Jacinto	San Juan	June 22
Santa Ines	Valparaiso*	June 22
Santa Lucia	Valparaiso*	June 15
Santa Paula	San Francisco*	June 15
Seatrain Havana	New Orleans*	June 22
Seatrain New York	New Orleans*	June 15
Sidney M Hauptman	Astoria*	June 23
Spaarndam	Rotterdam	June 17
Spencer Kellogg	Manila*	June 25
Spind	London	June 19
Stavangerfjord	Oslo*	June 22
Steel Engineer	Honolulu*	June 23
Steelmaker	Honolulu	June 21
Svaneholm	Norrkoping*	June 17
Tachira	Curacao*	June 17
Tampa	Calcutta*	June 19
Uhla	Santa Marta*	June 24
Urbino	Colombo*	June 17
Virginia	San Francisco*	June 21
Volendam	Rotterdam*	June 21
Volunteer	Moji*	June 17
Wanja	Sundsvall*	June 23
Washington	Hamburg*	June 24
Westernland	Antwerp*	June 22
West Point	Pernambuco*	June 19
Western World	Buenos Aires*	June 16
Wichita	Adelaide*	June 23
Yucatan	Vera Cruz*	June 15

* And other ports

Recent Charters

ORE—7,000 tons, S S Tinto, Huelva to New York, Philadelphia or Baltimore, 17s 6d; June 21 canceling

PETROLEUM — 5,514 tons, S S Langanger, dirty, Aruba, United Kingdom, Continent, 29s; July

10,000 tons, S S Spinanger, dirty, Venezuela, North Hatteras, 10s; two trips; prompt

14,000 tons, S S Kaldfonn, dirty, Gulf to Buenos Aires, three voyages, 23s; commencing middle August

11,500 tons, S S Adellon, dirty, Venezuela, North Hatteras, 25c; consecutive voyages over 12 months

5,896 tons, S S Ferncastle (ref spirits), California to Australia, 41s; July

3,427 tons S S Oilreliance, kerosene dist, California to Curacao, 26s; July

12,500 tons, new motorship, 10 seasons, Montreal trading, 5s 9d; April-May, 1939

5,514 tons, S S Langanger, dirty, Aruba, United Kingdom, Continent, 29s; July

—— tons, S S Capella, dirty, California to South China

—— tons, S S ——, Gulf, North Hatteras, 55c; July

17,000 tons, S S Vestfold, dirty, Aruba, United Kingdom, Continent, 25s; July

15,300 tons, motorship, dirty, three years, 7s; commencing June

14,820 tons, S S Marina, dirty, three years, 7s; August

12,460 tons, S S Norbus, dirty, three years, 7s; August

3,788 tons, S S Glittre, 3 years time loading, 7s 6d; commencing August

4,855 tons, S S Fosna, California to Japan, 30s; July

12,600 tons, new motorship, dirty, 10 seasons, Gulf to Montreal, 5s 9d; delivery May, 1938

4,858 tons, S S Sylvan, fuel oil, Venezuela to North Hatteras, 60c; June-July

3,086 tons, S S Ruth Kellogg, fuel oil, Venezuela to North Hatteras, 59c, option second voyages 58c; July

4,177 tons, S S Robert E Hopkins, fuel oil, Venezuela to North Hatteras, 60c; June-July

3,180 tons, S S Kek, crude, 12 months consecutive voyages, Gulf to North of Hatteras, basis 43½; commencing September

4,620 tons, S S R P Resor, Gulf to North Hatteras, 55c; June

4,612 tons, S S Cities Service Missouri, gasoline, 12 months consecutive voyages, Gulf to North Hatteras, basis 40c; September

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Two Weeks Ended June 16

Alimentary paste, 625 bundles; false and misleading statements.

Almond oil, sweet, 13 drums, 7 cases; not U.S.P.

Belladonna root, 6 bales; deficient in alkaloids.

Benzoin gum, 10 cases; contains rosin.

Benzoin, 50 cases; not U.S.P.

Caraway seed, 200 bags; filthy.

Chillies, 50 bags; filthy.

Codliver oil, poultry, 250 drums; restricted use.

Cod oil, technical, 52 casks, 225 barrels; restricted use.

Coriander seed, 23 bags; filthy.

Digitalis, 1 case; excessive moisture.

Gentian root, 6 bales; excessive moisture.

Gluten paste, 7 cases; false and misleading statements.

Gum arabic, 150 bags; not U.S.P.

Medicinal preparations, 17 cases; false therapeutic claims.

Medicinal preparations, 1 case; false and misleading statements.

Medicinal preparations, 1 case; false therapeutic claims; false and misleading statements.

Medicinal preparations, 1 case; false therapeutic claims; derivative of acetanilid not declared.

Nutmegs, 8 cases; moldy.

Orange flower water, 10 cases; not U.S.P.; incorrect quantity of contents.

Orange peel, 100 bags; moldy.

Pollack liver oil, 2 drums; restricted use.

Poppy seed, 100 bags; filthy.

Rose water, 3 cases; not U.S.P.; incorrect quantity of contents.

Valerian root, 20 bales; excessive acid insoluble ash.

Baltimore

Week Ended June 16

Medicinal preparations, 1 case; false therapeutic claims.

Buffalo

Two Weeks Ended June 16

Insecticide preparation, 1 package; false therapeutic claims; false efficacy claims; no inert ingredient statement.

Medicinal preparation, 1 case; false therapeutic claims.

Los Angeles

Week Ended June 10

Insecticide, 10 barrels; incorrect ingredient statement.

Philadelphia

Two Weeks Ended June 16

Codliver oil, poultry, 25 drums; not U.S.P.; restricted use.

Medicinal preparations, 1 case; false therapeutic claims.

Medicinal preparations, 2 cases; false and misleading statements.

Medicinal preparations, 3 cases; false therapeutic claims.

San Francisco

Two Weeks Ended June 10

Chillies, 74 bags; decomposed (moldly).

Insecticide, 20 drums; ingredient statement unsatisfactory.

Cocoa beans, 160 bags; decomposed.

Coconut syrup, 6 cases; misleading statements.

Medicinal preparations, 689 pieces; false therapeutic claims.

Medicinal preparations, 256 pieces; false therapeutic claims; alcohol not declared.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau and not to this publication. When writing, give the number of the item:—

Ammonium Sulphate:—Purchase and agency, Tripoli, Syria (3357).

Antivenin and Antiscorpion:—Agency, Cairo, Egypt (3356).

Dyes for Textiles:—Agency, Barranquilla, Colombia (3344).

Lactic Acid Bacteria Cultures in Powder Form:—Agency, Singapore, Straits Settlements (3352).

Lard:—Agency, Guayaquil, Ecuador (3372).

Pharmaceutical Products:—Agency, San Jose, Costa Rica (3370).

Potassium Chloride and Potassium Sulphate:—Purchase and agency, Tripoli, Syria (3357).

Rosin, for Soap Industry:—Agency, Havana, Cuba (3355).

Rosin and Oils:—Purchase, Durban, South Africa (3353).

Sodium Nitrate:—Purchase and agency, Tripoli, Syria (3357).

Superphosphate:—Purchase and agency, Tripoli, Syria (3357).

Oils, Fats and Waxes

Fish Oils

(Continued from page 41)

basis, there is a possibility that the market may work higher, in which event they would be prevented by their contract obligations from making delivery under the later range. It is a rather confused situation, and in the face of the uncertainty a disposition to manifest caution is exhibited.

Chicago, June 18.—With suppliers of fish oils apparently not inclined to crowd the market with offerings, the general aspect of the market here has continued to be a firm one. Feeling seems reasonably confident as to the market outlook, it appears. Offerings are moderate, and sellers are not inclined to shade prices on oils of any description among the more common products.

MANHADEN.—East Coast, 43c. to 45c. per gallon.

SARDINE.—Pacific Coast, 52c. to 53c. per gallon.

Fats and Greases

Grease. — The market was easier in company with tallow, quotations being shaded ⅛c. to ¼c. per pound. There was a fair demand though consumers showed little disposition to anticipate.

Lard. — Cash quotations were irregular, the tendency being downward at times in company with the course of futures in the West where speculative sentiment seemed to be rather more bearish than recently. Domestic trade was fair. The export inquiry continued light.

Stearin. — Demand was quieter, but offerings were lighter and the market had a steady tone.

Tallow. — An easier tone developed as a result of a decrease in buying interest, the recent advance in prices making consumers inclined to curtail purchases and await events. Offerings were somewhat freer and transactions were reported at 8⅜c. per pound for extra, f.o.b., showing a decline of ¼c. as compared with the last previous sales.

Following is a record of the market for tallow futures on the New York Produce Exchange from June 12 to June 18, inclusive:—

	Cents per lb. in tanks—High.	Low.	Close.	Sales. Tanks.
June	...	...	8.10 bid.	..
July	...	...	8.10@ 8.50	..
August	...	...	8.30 nom.	..
September	...	...	8.25@ 8.50	..
October	8.50	8.50	8.25@ 8.50	1
November	...	...	8.30 nom.	..
Total sales				1

Markets at Other Centers

Chicago, June 18.—Tone of the cash lard market has been none too strong lately, in view of the weakness noted in the related speculative markets. Shipping trade has been light.

The range of lard quotations from the opening Saturday, June 12, to the close Friday, June 18, is shown in the following table:—

	Per 100 pounds—Open.	High.	Low.	Close.	Previous Friday.
Cash	$11.82	$11.82	$11.35	$11.35	$12.10
July	12.12	12.12	11.35	11.42	12.17
Sept.	12.40	12.42	11.57	11.70	12.47

TALLOWS (tierces).—Edible, 9c. to 9¼c. per pound; prime, 8¾c. to 9c.; fancy, 8¾c. to 9c.; special, 8½c. to 8⅝c.; No. 1, 8½c. to 8⅝c.

GREASES (tierces).—Choice white, 9¼c. to 9⅜c. per pound; A white, 8¾c. to 9c.; B white, 8½c. to 8¾c.; yellow, 10-16, 8½c. to 8¼c.; yellow, 16-20, 8c. to 8¼c.; brown, 7½c. to 7¾c.

STEARINS (barrels).—Prime oleo, 9½c. to 10c. per pound; lard, packages, 13c. to 13¼c.; A white grease, 9c. to 9½c.; yellow grease, 8½c. to 8¾c.; extra oleo stocks, 12c. to 12½c.; No. 2 stocks, 11½c. to 12c.

Liverpool, June 18.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	July. s. d.	Sept. s. d.	Oct. s. d.
Saturday	66 6	60 0	60 0	60 3
Monday	65 0	59 0	58 6	59 0
Tuesday	64 0	58 3	58 3	...
Wednesday	65 0	59 0	59 0	59 9
Thursday	64 0	57 9	57 9	58 3
Friday	64 0	57 9	57 9	58 3

Liverpool, June 18.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	26 3	26 3
Monday	26 3	26 3
Tuesday	26 3	26 3
Wednesday	26 3	26 3
Thursday	26 3	26 3
Friday	26 3	26 3

Fatty Acids

Red Oil.—A steady tone continued to prevail and quotations were maintained by producers at former levels. Business was of a conservative character, demand for moderate quantities being fair.

Stearic Acid.—The market for basic material was easier but this was not reflected in stearic acid quotations which remained where they stood in the previous week. There was a fair movement into local and other consuming channels on contracts and transient orders.

Markets at Other Centers

Chicago, June 18.—Most buyers in the fatty acids line, as well as allied items, are ordering moderately, and guarding against over-purchases, as they have done for some time, not overly strong in any division. Buyers are seeking concessions. Still, a fairly steady flow of orders is reported coming along on some of the grades.

FATTY ACIDS.—Corn oil, double distilled, 8c. to 8½c. per pound, tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; coconut oil, acidulated, 8¾c. to 9c., tankcar, mostly nominal; 9¼c. to 9½c., barrels, car lots; 9¾c. to 10c., barrels, less than car lots; cottonseed oil, double distilled, 8c. to 8¼c., tankcar; 8½c. to 8¾c., barrels, car lots; 9c. to 9¼c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 3⅞c. to 4c.; boiled down soap stock, 65 percent basis, 4⅞c. to 5c.; cottonseed foots, 50 percent basis, 2⅞c. to 3c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15½c. to 16½c.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

Waxes

Bees.—Very good demand from makers of cosmetics was reported in this market. The movement was steady in character and involved substantial quantities of high quality merchandise. Prices were very firm, reflecting the strength that has governed the crude wax market for many months. Signs of pending unsettlement were totally lacking. Importations in April totaled 678,685 pounds.

Candelilla.—Prices lacked further decline but the market appeared to be moderately easy under the influence of competition caused in this market by the absence of more than jobbing request most of the time during the period under review.

Carnauba.—Local dealers reported a quiet market. Manufacturing consumers were still aloof from the spot and until buying shall broaden, the local situation can hardly be expected to show improvement. In the meanwhile, Brazil continued to be a firm market so far as prices were concerned. Shippers there were awaiting the resumption of demand for large quantities to be shipped here, holding values very firm at all times in keeping with the absence of surplus stocks sufficiently large to cause depression of prices.

Japan. — The market was easy in undertone but lacking in price change. Spot quotations were close to replacement cost, the margin of profit having been shaved thin. Quotations in the primary market were declared to be generally steady.

Oil Trades Ass'n Holds Outing

The annual sports outing of the Oil Trades Association of New York was held June 15 at the Pelham Country Club, Pelham Manor, N. Y. The weather was fine and the attendance large, about 250 members and guests being present. A feature of the outing was a baseball game between members of the petroleum and the vegetable oil trades, the former winning. In addition there was golf, bowling and other pastimes. Luncheon was served at 12:30 p. m. and dinner at 7:30 p. m.

Oleostock Dutiable as Tallow

Oleo stock, edible or inedible, having a titer test of 40° C. or over, is classifiable as tallow under paragraph 701 of the tariff act of 1930 and section 601 (c) (8) of the revenue act of 1932, as amended by section 701 of the revenue act of 1936, in instructions sent by the Bureau of Customs to the collector at San Francisco. Oleo oil and oleo stearin derived from such oleo stock or from any other product specified in section 601 (c) (8), as amended, are subject to the appropriate import tax under such section.

James Lovatelli, broker in cottonseed oil futures, has opened branch offices in suite A, New York Produce Exchange, 2 Broadway. The main office of the firm remains at 50 Broadway.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

WE WOULD like to discuss the matter of sales representation in the middle west with manufacturers producing raw materials used by the paint, rubber and allied trades. White and Company, Manufacturers' Direct Representatives. Offices: Akron, Ohio; Cleveland, Ohio. Established 1922.

Agents Wanted

REPRESENTATIVES WANTED who now have established themselves selling stable lines to manufacturing pharmaceutical companies to take on another item made by an Eastern manufacturer. Commission basis. Write, giving references, territory covered, etc. BOX 242, Oil, Paint and Drug Reporter.

SALES RIGHTS to synthetic resins and black lacquer bases available to agents actively contacting the paint manufacturing industry in foreign territories. These materials now being sold in England, Australia, Denmark, Canada, Argentina and Palestine. Customers are furnished detailed manufacturing information, including formulae, to insure successful use. Jones-Dabney Company, Inc., Louisville, Ky.

Equipment Offered

FOR SALE. — Complete shellac cutting plant with a minimum capacity of 250 gallons per day, consisting of three 250 gallon agitator tanks, DeLaval separator, can filling machine, grinder and elevator, two gear pumps, with piping, shafting, belt, etc. Photograph on request. BOX 233, Oil, Paint and Drug Reporter.

GUARANTEED EQUIPMENT.—Jar, pebble and ball mills; pony mixers, iron mills; Buhrstone mills, lead and paste mixers; roller mills; pulverizers; filter presses; dryers, glass lined kettles and tanks; vacuum stills; kettles; mixers; pumps. Specialists in hydraulic equipment for the plastic industries. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—The following used equipment: One No. 3C Abbe porcelain lined pebble mill, 4′ 6″ dia. by 5′ long, with AC motor and dust housing and pebbles; one Abbe blutergess model B; one Abbe blutergess model D; one F. J. Stokes No. 15E high speed automatic powder filler; one F. J. Stokes No. 15E special type CL powder filler with AC motor; one Patterson 12″x18″ direct motor drive, steel ball mill AC motor with steel balls. For complete information write Cosmetics, Inc., 1514 Fulton street, Chicago.

Equipment Offered

FOR SALE.—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 231, Oil, Paint and Drug Reporter.

FROM the $10,000,000 Spreckels liquidation. —Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

PEBBLE MILLS, 1-10-25-50-75 gallons; 1,000 gallon stainless steel jacketed kettle; No. 2 Abbe rotary cutter; exhausters; blowers; compressors. Lawler Engineering Co., Durham avenue and L. V. R. R., Metuchen, N. J.

Factories Offered

CONCRETE FACTORY—Modern, one-story, 5,000 sq. ft., 22 ft. headroom, concrete floor; no columns; high pressure boiler; plot 100′x250′; two miles from Manhattan. Sale or lease. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Investment Offered

WILL SELL half interest, lacquer manufacturing business, metropolitan district; man with lacquer sales experience preferred; business increasing every month since established, selling industrial users; investment $4,000, secured by accounts receivable, cash, inventory, machinery, equipment. BOX 255, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Positions Vacant

SALESMEN WANTED now selling chemicals, colors, dyestuffs, oils, waxes, solvents or similar products. Can offer attractive side line proposition; will not interfere with products you are now handling. Substantial commissions. Write for full particulars. BOX 236, Oil, Paint and Drug Reporter.

CHEMIST WANTED—Experienced in the manufacture of flavors. Pure and synthetic. Fine future for right man with young concern. BOX 253, Oil, Paint and Drug Reporter.

LACQUER—North Bergen manufacturer has opening for experienced man. All year permanent job. Familiar with color matching, roller and stone mills. Write detailed information as to experience. BOX 256, Oil, Paint and Drug Reporter.

CHEMIST WANTED to manufacture paint and varnish. Prefer young man looking for advancement and who is not afraid to work. Give age, experience, references and salary desired first letter. Tate Paint Manufacturing Co., Lakeland, Florida.

CHEMIST WANTED—Eastern varnish manufacturer wants a man thoroughly experienced in formulation and manufacture of oil soluble phenolics. Give particulars regarding past experience and salary expected. BOX 257, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER or chemist experienced on solvent extraction of seeds, etc., familiar with design of equipment and recovery still. State experience, education, and salary expected. Out of city. BOX 258, Oil, Paint and Drug Reporter.

Positions Wanted

DRY COLOR salesman, covering New England and experienced in sales of inerts, earth and pigment colors for paint, rubber and allied industries. Have good following and can show results. BOX 241, Oil, Paint and Drug Reporter.

PRINTING INK and color expert, desires position with reliable firm in either field. Will locate anywhere. BOX 245, Oil, Paint and Drug Reporter.

VEGETABLE OIL technologist, twenty years' experience in the refining and hydrogenation of oils and manufacture of oleomargarine and shortenings. Desires connection with progressive company where careful training, thorough workmanship will show results. BOX 254, Oil, Paint and Drug Reporter.

Positions Wanted

SALES EXECUTIVE, chemical engineer, fifteen years' nation-wide sales experience with commission sales men in every large city, selling chemicals, raw materials, specialties, protective coatings, paints, lacquers, etc., to jobbers, dealers, and direct to consumers. I am seeking new connection and if you have a sales problem, let's talk it over. J S, Box 37, Sta E, Brooklyn, N. Y.

EXECUTIVE—CHEMIST with business personality. Background of high grade technical development, large and small scale manufacturing, and home and foreign trading. Industrial finishes, inks, colors, chemicals. Experience mainly with large corporations. Would develop smaller business, promote new enterprise, or assist major executive. Very able organizer and manager. BOX 260, Oil, Paint and Drug Reporter.

CHEMIST and production man who has made paints, lacquers, solvents and plasticizers; also vinegar. BOX 261, Oil, Paint and Drug Reporter.

PRODUCTION CHEMIST with experience in soaps, waxes, polishes, disinfectants, cleansers and sprays; also complete boiler water treatment. BOX 262, Oil, Paint and Drug Reporter.

PLANT CHEMIST who has manufactured lacquers, polishing and cleaning compounds, wax pastes and emulsions. BOX 263, Oil, Paint and Drug Reporter.

POSITION WANTED by married man with chemical training; practical paint factory experience; fifteen years selling dry colors to paint, linoleum, rubber and ink trades. Willing to travel. BOX 264, Oil, Paint and Drug Reporter.

Services Offered

VARNISH FIRE construction. Experienced in installation and repair of Anthony nebulyte oil and gas varnish heating systems. Specialized in tangential or central fired settings with carbofrax domes. Diffuser rings and pedestals carried in stock. Otto Penzenstadler, Ridgewood Station, Brooklyn, N. Y.

Surplus Stock

CHECK INVENTORIES. — Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 101A East 19th Street, New York, STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals., *some* with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ⅛″ to 2″ dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26″ Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
3—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6″ to 42″ size.
3—Buffalo 32″x90″ Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous: Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

JUST PURCHASED

1—Pfaudler glass-lined, steam jacketed Vacuum Still, 150 gallon.
4—Valley Iron Autoclaves, jacketed, agitated, high pressure, laboratory to 150 gallons.
2—Raymond No. 00, No. 1 Pulverizer, complete.
1—6 ft. x 6 ft. Abbe 600 gallon Pebble Mill.
1—Dopp 150 gallon jacketed Kettle with double motion agitator.

STEIN-BRILL CORPORATION
185 Varick St., New York, N. Y.
WAlker 5-6892

MACHINERY for PLASTIC DRUG and ALLIED INDUSTRIES

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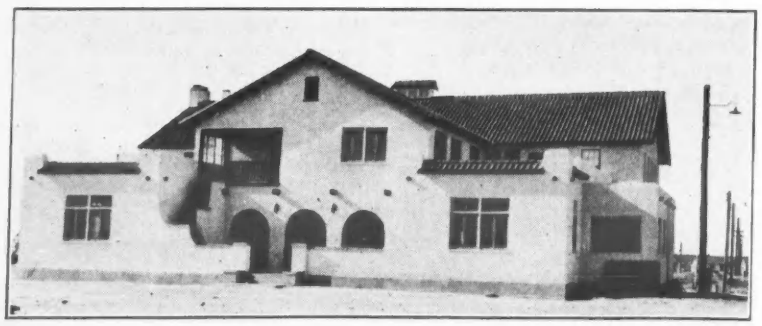
419 Lafayette Street New York City
GRamercy 7-6622

Potash Company Erects Clubhouse for Employees

The Potash Company of America, which has its producing plant at Carlsbad, N. M., has just completed a clubhouse for the officers of the company and their friends, at the New Mexico site. The clubhouse combines attractiveness of lines and has every comfort and convenience. The building has guest rooms, the customary lounges, gymnasium, showers and other comforts, enabling the employees of the company to enjoy every facility to be found in the more pretentious clubs of large cities. As illustrated herewith, the structure has a pleasing style, which embraces the best features of several types, including the Spanish. It is of stucco, with tile roof.



The company also has completed modern facilities at Galveston for loading potash brought from the mines to the port, where it is loaded on ships with the least delay and at a minimum cost. Endless belts or conveyors carry the potash from the railroad cars to the side of the ships where it is shunted in flexible tubes directly into the holds of vessels.

Pharmacy-Owner Bill Vetoed

Governor Lehman has vetoed the Twomey bill providing that no pharmacy or drug store shall be registered after July 1 unless the owner is a licensed pharmacist or druggist or shall have had four years' practical experience in a pharmacy or drug store, except persons, partnerships or corporations holding certificates. The governor stated he saw no compelling reason why the owner of a pharmacy or drug store must be a licensed pharmacist or druggist.

Henry L. Doherty received the honorary degree of Doctor of Laws during the fifty-first commencement exercises of Temple University, Philadelphia, June 10. Mr. Doherty, who has been ill in Temple University hospital, was honored there. Clad in cap and gown he received the award from Dr. Charles F. Beury, president of the university, while sitting in a chair. Mrs. Doherty was among those present.

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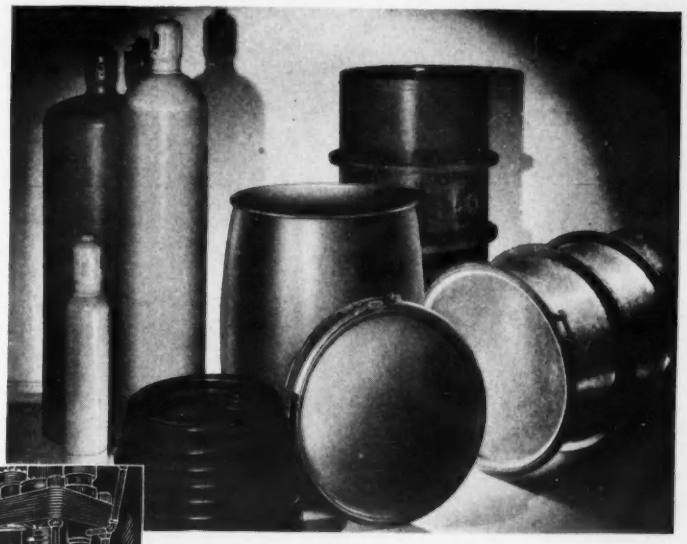

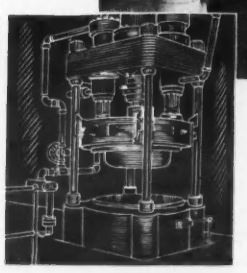

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